



# Product Range Overview.

Display Solutions

# Performance and value without compromise.

We help organisations thrive in a rapidly changing working world. We simplify complexity, connecting people and technology to deliver trusted, tailored solutions that empower performance and allow our customers to focus on what they do best.

Through our global reach, we work with a diverse range of customers, from small, agile start-ups to large multi-national enterprises, schools, universities, and government organisations. This breadth of experience enables us to understand how your needs evolve as you grow, providing scalable solutions that adapt with you.

Our focus is on technology that is secure, intuitive, and designed for people. From the moment you engage with us, our professional AV consultants guide you every step of the way, from enquiry and installation through to training, ongoing review, and account management.

By listening and understanding, we manage the complexity of today's workplace and public spaces. Whether you need dvLED, Large Format Displays, Laser Projection, or Desktop Displays, Sharp's digital solutions help you deliver impactful, meaningful content with confidence.

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“

Our company has experienced change, but our customers have experienced continuity in the areas they value. Moving forwards, our promise is that there will be no compromise in our interlinked pillars of Quality, Service and Sustainability.”

**Christof Boehm,**  
President and Managing Director of  
Sharp Display Solutions Europe.



# A Lasting Vision.

Quality, Service, Sustainability.

## Reduce Energy Use

Recognising that more than 80% of the CO<sub>2</sub> footprint of a display is created during usage, improving energy efficiency is the greatest opportunity to reduce environmental impact.

- Inbuilt functionality optimises energy consumption and lengthens the lifecycle.
- Innovation in flip-chip SMD LED technology achieves 60% reduction in energy consumption.

## Reuse

Our focus is on producing products, solutions, and services that last, providing fit-for-purpose performance over an extended lifecycle.

- Innovative open modular design allows use cases to be reconfigured as needs change.
- Our unique Second-Life Warranties extend product life, support Scope 3 emissions goals, reduce e-waste, and enhance value.

## Reduce Waste

Without compromising our high standards of customer service and the protection of products during shipment, we are constantly innovating to minimise wastage across all our operations.

- Optimised packaging sizes has achieved up to 35% reduction in CO<sub>2</sub> emissions.
- New projector ranges utilise legacy accessories and mounting infrastructure.

## Repair

Our commitment to quality is demonstrated by our consistently low failure rate, one of the best in the industry. Should a repair be necessary, we offer comprehensive pan-European and Global service programs.

- Local repair centres mean shorter transport routes.
- Tailored service programs support the extraordinarily long lifecycle of LED technology.

## Recycle

Even at the design stage we are already thinking about the end of the lifecycle by utilising materials which are recyclable or are already recycled.

- Metal, the major component in our LCD and LED products, is 100% recyclable, feeding the circular economy.
- Our Large Format Displays line up has an average recycling rate of 97,4%.



It is through high quality product design and manufacture that we drive innovation in reuse, repair and recycle initiatives, whilst reducing energy consumption and waste.



# Impressive large surface visualisation.

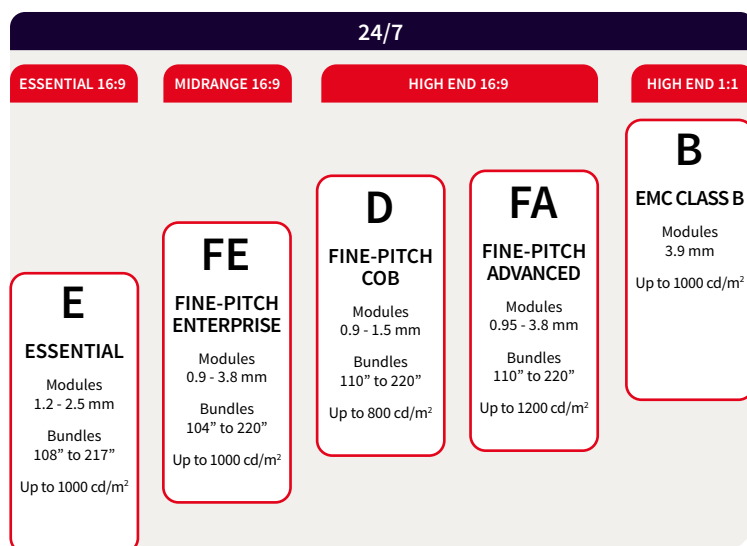
## Direct view LED.

Engage and inspire with displays that deliver maximum impact and flexibility.

Sharp's modular LED solutions scale effortlessly to any space, offering unmatched creative freedom for signage, presentations, and immersive experiences. Precision-engineered for safety, sustainability, and easy maintenance, they provide reliable long-life performance and a secure investment.



Extended  
Warranty  
Programs



## The scope of our services – “The Integration Principle”

Our consulting team develops and advises, our design & build team produces, and our turnkey solutions team installs. Be assured, however, that all our departments work in harmony to fulfill the perfect solution for our customers. The tasks taken on by the different teams integrate optimally with one another, ensuring the high quality we are known for. Viewed individually, we provide the following services:

- Product development
- Consulting
- Procurement
- Integration
- Soft- and hardware training
- Conceptual design
- Project management
- Quality assurance
- Mounting
- Maintenance and service



# Indoor FinePitch LED Modules & Bundles.

## E Series

Bring the brilliance of fine-pitch LED to value-driven environments, without compromising on performance and longevity. Purpose-built for budget sensitive corporate meeting rooms and digital signage applications, the Sharp E Series delivers vivid content clarity and brightness for excellent visibility.



## FE2 Series

Presenting consistent, vibrant colours and high contrast at wide viewing angles with superb brightness, the FE2 Series delivers impressive performance in meeting rooms and a wide range of signage applications. Its flush rear profile and front-serviceable modules enable seamless integration and installation flexibility, scalable to perfectly fit the available space.



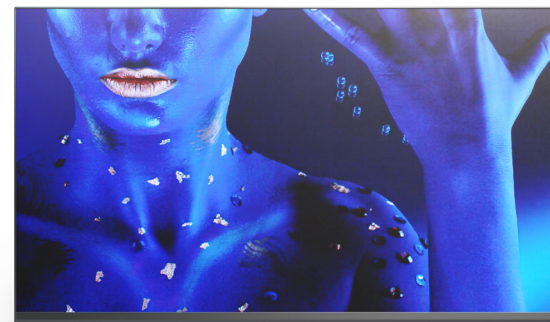
## FE3 Series

Featuring Flip-Chip technology and industrial-grade components, the FE Series is highly energy efficient, cutting power use and heat output by up to 60% to achieve significantly lower operating costs. An exceptional contrast ratio, ultra-deep black levels, and wide viewing angles ensure vivid clarity and accurate colour reproduction even in bright ambient light conditions.



## FA2 Series

Featuring fail-safe capabilities with redundant power supply and receiver card, the FA2 Series delivers uncompromising mission-critical performance standards demanded in control room environments. Excellent viewing angles and consistent reality-like colours ensure long lasting visual clarity across brightly lit spaces.



## FA3 Series

The FA Series combines all the energy-efficient and visual benefits of Flip-Chip LED technology with enhanced fail-safe features, including redundant power supply and receiver card. An enhancement of the FE Series, the FA Series delivers mission-critical performance standards for uncompromising control room applications.



## D Series

Delivering vibrant colour, deep blacks, and extreme contrast, the D Series redefines the visual experience even in the brightest environments. Powered by Flip-Chip CoB technology, it ensures clarity, durability, and reliability, suited for detail-rich presentations, wayfinding, and immersive storytelling in demanding public, transport, and corporate spaces.



# Indoor EMC Class B LED Modules.

## B Series

For busy public spaces especially airport terminals it is vital to limit electromagnetic interference which can compromise WiFi connections and even air traffic control operations. The B Series is fully compliant to EMC Class B causing no interference up to 40m<sup>2</sup>. The versatile 1:1 modules deliver 1000cd/m<sup>2</sup> brightness for excellent visibility even in light flooded spaces.



# Indispensable for signage and presentation.

## Large Format Displays.

Adapting to evolving needs, Sharp's modular Large Format Displays provide sustainable, tailored solutions to inform, guide and engage audiences in public spaces and workplace environments. The definition of quality, our MultiSync® displays are built for durability, reliability, and long-term value, upholding our trusted heritage of excellence.



This year marks the 40<sup>th</sup> anniversary of the acclaimed MultiSync® brand, testament to Sharp's unwavering commitment to innovation and excellence.



16/7	18/7	24/7
ESSENTIAL	MIDRANGE 16:9	HIGH END 16:9
<b>E</b> ESSENTIAL 32" - 86" 350 cd/m <sup>2</sup>	<b>ME</b> MAINSTREAM 43" - 98" 400 - 450 cd/m <sup>2</sup>	<b>M</b> MAINSTREAM 32" - 98" 550 cd/m <sup>2</sup>
		<b>P</b> PROFESSIONAL 43" - 75" 700 cd/m <sup>2</sup>
		<b>UN</b> VIDEO WALL 55" 500 & 700 cd/m <sup>2</sup>

### MultiSync® E Series | Essential Displays

The entry point for professional display solutions, the E Series delivers crisp UHD resolution, integrated media playback, and 16/7 operation at an accessible price point. A matte, high-haze panel ensures superior visual performance, minimising reflections and glare common with glossy panels and consumer TVs.



### MultiSync® ME Series | Midrange Displays

Delivering best-in-class visual performance and value, the ME Series with Android SoC features a high-haze panel, native USB-C, and auto input detection. Designed for modern enterprise environments, it supports seamless hybrid workflows in meeting spaces, and effortless digital signage integrating smoothly with your preferred CMS.





### MultiSync® M Series | Midrange Displays

Broad compatibility with leading collaboration and communication platforms and native USB-C, position the M Series for future-ready integration in any professional environment. Enterprise-grade 802.1x LAN support ensures secure connectivity, while its high-haze panel and SpectraView Engine deliver exceptional visual performance with precise, vibrant colour.



### MultiSync® P Series | Professional Displays


When reliability, security, and exceptional visualisation are mandatory, the P Series delivers uncompromising performance. Engineered for mission-critical applications and high-end signage, it combines robust durability with advanced visual technologies to fit seamlessly into the most demanding commercial environments.



## UN Series | Video Wall

Adaptable, scalable, and modular, Sharp video wall solutions deliver near seamless, extra-large format viewing experiences. With ultra-narrow bezels, colour uniformity, advanced features and predefined application scenarios, the UN Series is engineered for precise imaging performance across multiple screen modules.



	E Series	ME Series	M Series	P Series	UN Series
<b>4K UHD</b> <small>On selected models only</small>	✓	✓	✓	✓	✗
	✗	✓	✗	✗	✗
	✗	✗	✓	✓	✗
	✗	✗	✗	✗	✓
 USB Type-C	✗	✓	✓	✓	✗
	✗	✗	✓	✓	✓
 NaViSet Administrator 2	✓	✓	✓	✓	✓
	✗	✗	✓	✗	✓

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# Engaging interactive experiences.

## Interactive Displays.



Encouraging collaboration and engagement, our Interactive Large Format Displays combine intuitive touch interaction with proven, reliable design. For meeting rooms, signage, and POS applications, they create inclusive environments that inspire confidence and support effective group decision-making with flexible, future-ready capabilities.

16/7		18/7	24/7	
ESSENTIAL		MIDRANGE	HIGH END	
LC CLASSROOM 65" - 86" Infrared Touch 450 cd/m <sup>2</sup>	LB BUSINESS 65" - 86" Precision Touch 400 cd/m <sup>2</sup>	LM MULTI-PURPOSE 43" - 55" Infrared Touch 500 cd/m <sup>2</sup>	LA ADVANCED 65" - 86" InGlass Touch 500 cd/m <sup>2</sup>	PCAP PREMIUM 43" - 65" PCAP Touch 500 cd/m <sup>2</sup>



## LC Series | Entry Collaboration Displays

An all-in-one solution, the LC Series features pre-installed functionality for instant interactivity. With the EShare feature, content can be wirelessly shared between devices allowing content to be displayed to a larger audience for best collaboration and boosted engagement amongst peers and mentors in learning environments.



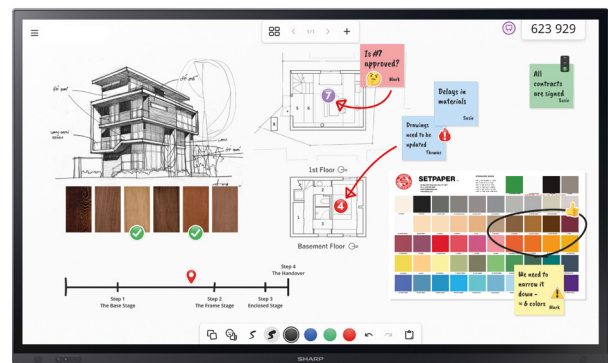
## LB Series | Midrange Collaboration Displays

The LB range of smart interactive displays combines genuine '4K reading and writing' and an intuitive 'Pen-on-Paper' user experience with Zero Bonding and Sharp's PrecisionTouch technology. It is the perfect choice for busy office environments, boardrooms, meeting rooms and training sessions that require quick responsive operation and smart integrated collaboration tools.



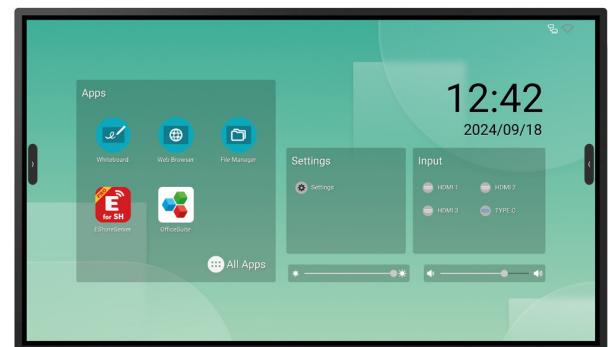
## LA Series | High-end Collaboration Displays

Safeguarding the highest IT security standards whilst supporting maximum choice and flexibility. Expand the display's customizable capability using the optional Intel®SDM, which provides preinstalled functionality including Sharp Meeting Launcher for quick access to your favourite apps, FlatFrog Board collaborative whiteboarding software, and AirServer™ for wireless screen sharing.



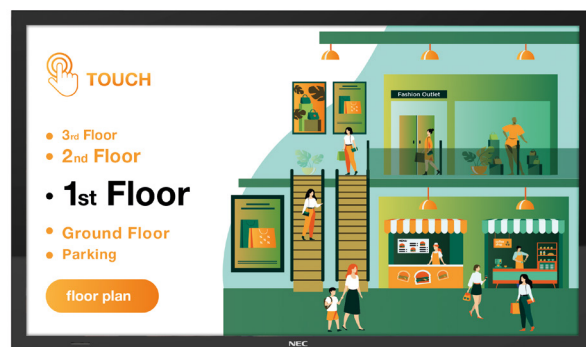
## LM Series | Infrared Touch Displays









For best-in-class touch performance and value, the multi-purpose LM Series commands feature-rich professional capabilities for small meeting spaces. The 4-sided even bezel makes it the ideal display for interactive signage applications. The Android 14 CTS-compliant Operating System offers the most up to date features and security, and seamless out-of-the-box collaboration.



## M Series PCAP | PCAP Touch Displays

Facilitating collaboration and audience engagement, the M Series PCAP touch display combines sleek, bezel-free design with 24/7 reliability and reduced reflections in bright environments. Supporting portrait and face-up installations, it's perfectly suited for interactive tables and wayfinding signage in public spaces.



	LA Series	LB Series	LC Series	LM Series	M Series PCAP
 Pen-on-Paper	✓	✓	✓	✓	✗
 *	✗	✓	✓	✓	✗
 intel smart display module Raspberry Pi	✓ / ✗	✗	✗	✗	✓
 OPS	✗	✓	✓	✓	✗
 USB Type-C	✓	✓	✓	✓	✓
 NaViSet Administrator 2	✓	✓	✓	✓	✓
 ClickShare BYOD	✓	✓	✓	✓	✗
 CRESTRON	✓	✓	✗	✗	✓
 cisco Verified Collaboration Devices	✓	✗	✗	✗	✗

# Scalable and future-proof.

## Modular Computing.

Enabling smart, seamless connections between source and display, Sharp's Computing portfolio delivers powerful, future-ready signage and presentations. Embedded devices simplify installation, reduce waste and costs, and improve energy efficiency. With upgradeable and reconfigurable modules, these solutions adapt to evolving demands, providing tailored functionality without the need to replace the display.

### System on Chip (SoC) with Android OS

Deliver ready-to-use experiences for meeting rooms and signage with Sharp large format displays featuring an integrated Android SoC. Prioritising seamless usability and enterprise-grade security, Android for Enterprise provides powerful flexibility, allowing system integrators and end users to work with confidence and peace of mind.

### Open Pluggable Specification (OPS)

A new generation of OPS devices supporting Windows 11 Professional and IoT Enterprise deliver increased performance, modern connectivity and enhanced security. Compatible with Sharp interactive displays, UN Series videowall displays and legacy MultiSync® models, choose the appropriate slot-in device appropriate to your application.

### Intel® Smart Display Module (Intel®SDM)

Compact and embedded, our range of SDM devices integrate directly into Sharp's MultiSync® M and P Series, as well as into the interactive Sharp LA Series and M Series PCAP, simplifying installation, reducing cable clutter, and enabling modular servicing. The hardware's flexibility, combined with high integration and long-term software support makes SDM a strong choice for modern AV ecosystems.

### Raspberry Pi Compute Module (MPi4 / MPi5)

Based on the professional Compute Module 4 or the more powerful 5, these modular SoC solutions are offered with multiple CMS partner applications for an out-of-the-box signage experience. Compact and cost-effective, they provide reliable performance, flexible integration, and long-term support for a wide range of signage applications.

### Slot-in Interfaces

Expanding display performance with limitless versatility, Sharp's slot-in interfaces support computing, media playback, and signal distribution such as AV over IP. Connectivity standards like HDBaseT, SDI and IPMX/ST2110 enhance application scope, while the USB Type C Interface Board delivers modern BYOM convenience for today's collaborative workflows.



## Computing Options

Sharp Display Solutions offers the following certified compute options:



Fully integrated into the ME, LB, LC and LM Series, the Android SoC provides an out-of-the-box-ready experience ideal for retail environments, corporate signage and meeting rooms, supported by a range of CMS partners.



The MPI4 and even more powerful MPI5 Kit offers a cost-effective solution for signage displays in retail environments, for passenger information and quick service menu boards, with access to our many CMS partners for more complex playlists.



**The SDM Essential** offers a powerful but low-cost solution for digital signage in retail or corporate applications, passenger information and menu boards.

**The Midrange** computing category is offered in both form factors, OPS and SDM, delivering 4K UHD playback in retail and corporate signage, for interactive and kiosk applications.

**The Advanced** computing category offers the highest performance in form factor OPS and SDM where applications are highly demanding for complex and intelligent signage or interactive installations.

**The Enterprise** computing category meets all requirements for demanding corporate meeting room applications such as video conferencing, interactive whiteboards and collaborative use cases. Available in both form factors, OPS and SDM.

**SDM Collaboration** is a powerful and versatile meeting room solution designed for Sharp's LA Collaboration Display range. Benefit from pre-installed Sharp Meeting Launcher for quick access to your favourite apps including FlatFrog Board collaborative whiteboarding software, and AirServer™ for wireless screen sharing.

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# Sustainable energy-efficient signage.

## ePaper.

Consuming zero energy when displaying content, our ePaper displays represent a major step forward in sustainable digital signage. With a paper-like, reflection-free appearance, they provide excellent visibility in bright environments while reducing waste from traditional poster signage. Static content such as POS, menus and timetables can be refreshed instantly using minimal energy.



ePaper		
	C131	C251
Panel Technology	ePaper	ePaper
Screen Size [inch / cm]	13.3 / 33.8	25.3 / 46.3
Aspect Ratio	4:3	16:9
Supported Orientation	Face Down; Face Up; Landscape; Portrait	Face Down; Face Up; Landscape; Portrait
Native resolution	1600 x 1200	3200 x 1800
Connectivity	2x USB Type C, WiFi, Bluetooth 5.0	2x USB Type C, WiFi, Bluetooth 5.0
Dimensions (W x H x D) [mm]	306.4 x 229.9 x 20.9	596.0 x 352.0 x 31.0
Weight [kg]	0.7	1.9
Supported Image Formats	*jpeg, *jpg, *bmp, *png	*jpeg, *jpg, *bmp, *png



#### Complimentary Coffees

Iced Latte  
Iced Cappuccino  
Iced Chocolate  
Latte  
Cappuccino  
Mocca  
Hot Chocolate

Please show your  
Boarding Card

Served all day  
7 days a week



# Personal workspace monitors.

## Desktop Displays.

Designed for productive workplaces, Sharp's desktop displays combine performance, style, and ergonomics, to prioritise the user and enable smoother workflows. From budget-driven to mission-critical solutions, they deliver health-conscious, user-friendly functionality for corporate offices, trading floors, control rooms, creative studios and small signage applications.



This year marks the 40<sup>th</sup> anniversary of the acclaimed MultiSync® brand, testament to Sharp's unwavering commitment to innovation and excellence.



Extended  
Warranty  
Programs

### MultiSync® E Series | Desktop Displays

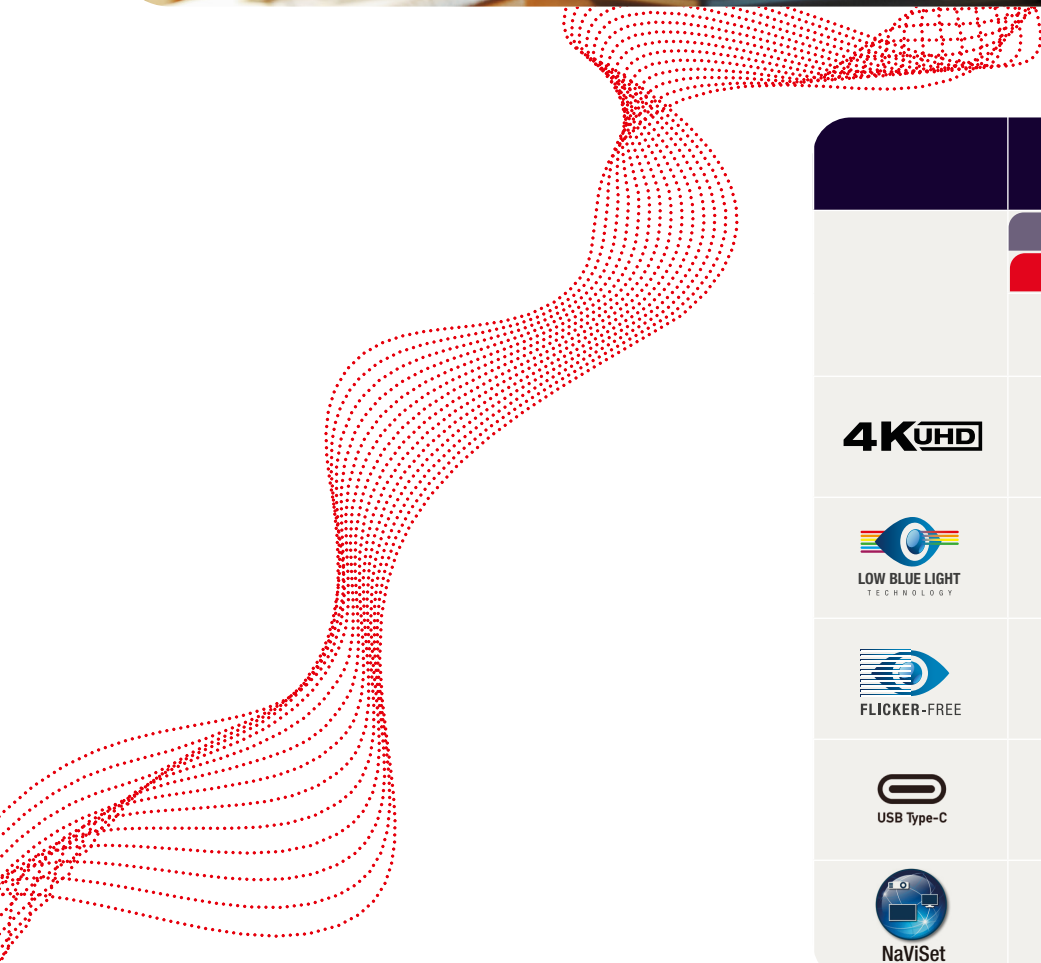
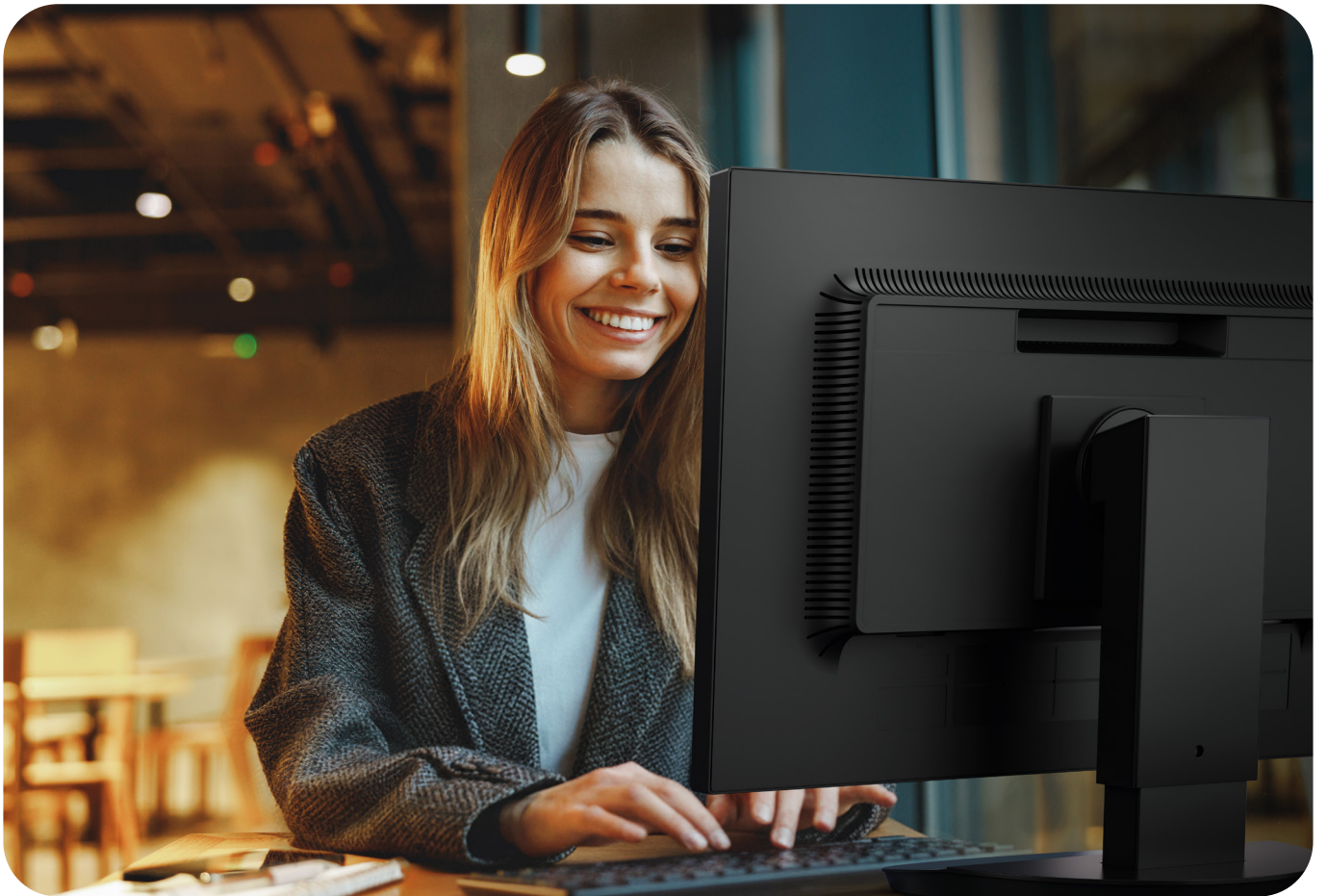
Prioritising comfort and productivity, the E Series offers full ergonomic adjustability for a personalised setup, while Low Blue Light and Flicker-Free technologies protect the eyes without compromising picture quality. Selected models offer future-proof USB Type-C and embedded LAN for convenient Docking Hub functionality.







### MultiSync® EA Series | Desktop Displays

Maximise workspace efficiency with the EA Series, combining ultra-narrow bezels and DisplayPort OUT daisy-chain for seamless multi-screen setups. Powerful USB Type-C connectivity and embedded LAN create a fully functioning Docking Hub solution, simply connect to your notebook or PC using a single USB-C cable keeping your desktop clutter-free.





	E Series	EA Series
	16/7	24/7
	ESSENTIAL	HIGH END
	22" & 24" FHD	24" & 27" FHD / QHD / UHD
<b>4K UHD</b>	✓	✓
 LOW BLUE LIGHT TECHNOLOGY	✓	✓
 FLICKER-FREE	✓	✓
 USB Type-C	✓	✓
 NaViSet Administrator 2	✓	✓

# Scalable image size with highest versatility.

## Projectors.

Delivering maximum flexibility and creative impact, our projection solutions provide scalable, bezel-free image sizing to inform, present, and impress. Highly versatile, they combine discrete yet powerful performance with long-lasting laser technology, low total cost of ownership, and reliable, future-ready operation, offering adaptable solutions for meeting rooms and lecture halls, to large venues and immersive experiences.



### E Series | Professional Projectors

Experience outstanding projection performance at an impressively low total cost of ownership with the 5,000 lumen Sharp E501U. This compact, 5kg WUXGA laser projector delivers professional reliability and vivid 3LCD colour performance, making it a smart choice for budget-driven meeting rooms and classrooms.



### P Series | Professional Projectors

Almost silent in operation, the P Series delivers impressive projection performance without any noise distraction. With WUXGA and 4K UHD resolution and 4K@30Hz input support, it produces sharp, detailed visuals with consistent clarity. Comprehensive connectivity ensures easy integration into a variety of installation scenarios.



### V Series | Value Professional Installation Projectors

Offering a highly economical projection solution, the V Series delivers vivid 3LCD colour with precise white point calibration and 12-bit colour processing for rich saturation and contrast. Its compact, low-maintenance design combines long-life laser performance with installation flexibility, maximizing value and efficiency.





## A Series | Advanced Professional Installation Projectors


Delivering consistent, reliable performance with vivid colour and clarity, the A Series is engineered for dependable long lasting image quality with low maintenance requirements. Extended colour space, precise white calibration, and 12-bit processing deliver rich saturation, deep contrast, and detailed imagery.



## X Series | Extreme Professional Installation Projectors

Experience stunning detail and lifelike colour in 4K+ resolutions. Brilliant, natural tones shine at high brightness with reduced power use, while the sealed IP6X light engine ensures consistent performance and low maintenance delivering reliable, efficient projection for the most demanding professional environments.



	E Series	P Series	V Series	A Series	X Series
	MIDRANGE			HIGH END	
	5.200 lm LCD / WUXGA	5.400 - 7.000 lm LCD, DLP / WUXGA, 4KUHD	7.300 - 8.000 lm LCD / WUXGA	8.200 - 20.000 lm LCD / WUXGA	13.500 - 16.500 lm DLP / 4K+
 NaViSet Administrator 2	✓	✓	✓	✓	✓
IP5X	✗	✓	✗	✓	✓
IP6X	✗	✗	✗	✗	✓

# Epic cinematic experiences.

Digital Cinema Projectors.



Delivering breathtaking visuals with precise colour reproduction, Sharp's Digital Cinema projection combines stunning image quality with intuitive, easy-to-use operation. Modular and customizable solutions adapt to any venue size or format, helping maximise revenue while exceeding the expectations of today's cinema-goers, ensuring a truly immersive, blockbuster experience.



# Software.

Designed to complement our hardware portfolio, Sharp's software solutions deliver best-in-class visual experiences from a single source. Seamlessly integrated with the broadest range of display solutions on the market, they expand application possibilities while ensuring reliable, high-performance operation for signage, presentations, and collaborative environments.



## IoT and Asset Management

With centralised control of their IT/AV estate, administrators can simplify management, improve efficiency, and make smarter use of resources.



Naviset Server Edition (NASE) extends device management with enterprise-level features, including multi-user support with secure communications, remote access via a browser-based mobile-friendly interface, REST API integration, and secure management of devices across networks, enabling streamlined, flexible, and fully auditable display control.



### NaViSet Administrator 2

Designed for large estates, this all-in-one software lets IT administrators remotely manage Sharp and legacy displays, projectors, and Windows PCs. By simplifying multi-device control, it reduces maintenance costs, minimises downtime, and ensures efficient resource use, delivering smooth, reliable network management.



## Image Control and Connectivity

Fast, flexible image control and connectivity with intuitive usability and modular design enable productive workflows and streamlined operations.



The IP-based Hiperwall software enables operators to manage and display content from multiple data sources across video walls, projection, large-format, and LED displays. The preferred choice for mission-critical environments, its high flexibility ensures real-time manipulation and visualisation of crucial information for informed, efficient decision-making.



## Calibration and Adjustment

Precise, uniform colour reproduction is vital for delivering professional and engaging imagery, especially where brand consistency and corporate identity matter.



**ProAssist™**

When projected images overlap or appear side-by-side, even minor colour or brightness mismatches stand out. ProAssist simplifies alignment by finetuning each projector on a network, managing colour uniformity, gamma, lens control, and edge blending in one application, delivering a seamless, homogeneous visual experience with minimal manual effort.



When brand integrity and visual precision are essential, Sharp's SpectraView Engine provides reliable, repeatable colour management. With out-of-the-box hardware calibration, compatible displays including the Sharp MultiSync® M, P and UN Series provide exceptional consistency and stability from day one with no complex setup required.

## Display Wall Calibrator

Ensuring multiple display configurations deliver impactful viewing experiences, the Display Wall Calibrator software adjusts colours and brightness across an entire video wall. The colorimeter measures all relevant colour characteristics to achieve a perfectly matched result across all screens for perfect uniformity and the perception of a single digital canvas.



## Interactivity and Collaboration

Interactive presentations and collaboration in corporate or education environments boost engagement and strengthen participation, leading to better outcomes.



FlatFrog Board makes hybrid collaboration effortless and productive for everyone. Remote colleagues can join via laptop, tablet, or smartphone using FlatFrog Board Personal, while the always-ready interactive whiteboard lets anyone walk up, grab a pen, and start inking, enabling seamless real-time teamwork.



AirServer delivers a complete wireless presentation solution with exceptional compatibility and performance. Supporting AirPlay, Google Cast, and Miracast, it lets users share screen content or media from apps with low latency and high quality. A completely wireless solution, no apps, cables, nor dongles are needed to connect.

# Direct view LED.

## E Series | Indoor FinePitch LED Modules

	LD-E121	LD-E151	LD-E181	LD-E251
Order Code	81000841	81000842	81000843	81000845
Pixel Configuration	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)
LED Type	SMD (1010)	SMD (1212)	SMD (1415)	SMD (2121)
Pixel Pitch [mm]	1.25	1.56	1.87	2.5
Resolution per m²	640000	409600	284444	160000
Brightness (max.) [cd/m²]	600	600	800	1000
Contrast Ratio (typ.)	5000:1	4000:1	5000:1	7000:1
Viewing Angle [°] hor / ver	170 / 160	140 /140	140 /140	140/140
Dimming Capability	256 levels	256 levels	256 levels	256 levels
Colour Processing	16 bit	16 bit	14 bit	18 bit
LED Driving Method	1/45 dynamic scan	1/54 dynamic scan	1/60 dynamic scan	1/27 dynamic scan
Refresh Rate [Hz]	3840	3840	3840	3840
Colour Temperature [K]	3000-9500	3000-9500	3000-9500	3000-9500
Power Typical [W] m²	291	197	212	197
Power Maximum [W] m²	617	617	617	617
Dimensions (W x H x D) [mm]	600 x 337.5 x 29	600 x 337.5 x 29	600 x 337.5 x 29	601 x 337.5 x 29
Weight [kg] Module	4.7	4.7	4.7	4.7
Serviceability	Front	Front	Front	Front
IP Level (Front/Rear)	IP20	IP20	IP20	IP20
Lifetime	100000	100000	100000	100000
Certifications	CE;ETL/UL; FCC Class A;RoHS	CE;ETL/UL; FCC Class A;RoHS	CE;ETL/UL; FCC Class A;RoHS	CE;ETL/UL; FCC Class A;RoHS
Standard Warranty	2 years	2 years	2 years	2 years

## E Series Bundles | Indoor FinePitch LED Bundles

	LD-E121-108	LD-E151-135	LD-E181-162	LD-E121-217	LD-E251-217
Order Code	81000829	81000831	81000832	81000830	81000833
Resolution	1920 x 1080	1920 x 1080	1920 x 1080	3840 x 2160	1920 x 1080
LED Type	SMD (1010)	SMD (1212)	SMD (1415)	SMD (1010)	SMD (2121)
Module Configuration	4 x 4	5 x 5	6 x 6	8 x 8	8 x 8
Pixel Pitch [mm]	1.25	1.563	1.875	1.25	2.5
Brightness (max.) [cd/m²]	600	600	800	600	1000
Lifetime	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	5000:1	4000:1	5000:1	5000:1	7000:1
Viewing Angle [°] hor / ver	170 /160	140 /140	140 /140	170 /160	140 /140
Colour Processing	16 bit	16 bit	14 bit	16 bit	18 bit
LED Driving Method	1/45 dynamic scan	1/54 dynamic scan	1/60 dynamic scan	1/45 dynamic scan	1/27 dynamic scan
Refresh Rate [Hz]	3840	3840	3840	3840	3840
Colour Temperature [K]	3000-9500	3000-9500	3000-9500	3000-9500	3000-9500
Power Typical [W]	944	1000	1944	3776	2560
Dimensions (W x H x D) [mm]	2412 x 1456 x 47	3012 x 1793,5 x 47	3612 x 2131 x 47	4812 x 2806 x 50	4812 x 2806 x 50
Weight [kg]	89.2	134.5	189.2	342.8	342.8
Connectivity via Controller	3G SDI; DVI-D; HDMI; LAN	3G SDI; DVI-D; HDMI; LAN	3G SDI; DVI-D; HDMI; LAN	Displayport, HDMI; LAN and RS232	Displayport, HDMI; LAN and RS232
Serviceability	Front	Front	Front	Front	Front
IP Level (Front/Rear)	IP20	IP20	IP20	IP20	IP20
Certifications	CE, ETL, FCC Class A, RoHS	CE, ETL, FCC Class A, RoHS	CE, ETL, FCC Class A, RoHS	CE, ETL, FCC Class A, RoHS	CE, ETL, FCC Class A, RoHS
Shipping Content	LED Controller, LED Modules, Overframe Kit, Power Bar, Wall Mount, Spare Parts Kit, Pixel Card Removal Tool				
Warranty	2 years (options to extend)	2 years (options to extend)	2 years (options to extend)	2 years (options to extend)	2 years (options to extend)

## FE Series | Indoor FinePitch LED Modules

	LD-FE092	LD-FE122	LD-FE152	LD-FE192	LD-FE252
Order Code	81001035	81001036	81001037	81001038	81001033
Pixel Configuration	4-in-1-IMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)
LED type	IMD (1616)	SMD (1010)	SMD (1010)	SMD (1010)	SMD (1415)
Resolution per m <sup>2</sup>	1108033	623269	398892	277008	155817
Number of Pixel per module [dot]	230400	129600	82944	57600	32400
Number of Pixel per card [dot]	28800	16200	10368	7200	4020
Pixel Pitch [mm]	0.95	1.266	1.583	1.9	2.5
Brightness (max.) [cd/m <sup>2</sup> ]	600	700	700	700	1000
Lifetime	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	5000:1	5000:1	5000:1	5000:1	5000:1
Viewing Angle [°] hor / ver	140 / 140	170 / 170	160 / 160	170 / 170	160 / 140
Colour Processing	16 bit	16 bit	16 bit	16 bit	16 bit
LED Driving Method	1/46 dynamic scan	1/27 dynamic scan	1/27 dynamic scan	1/30 dynamic scan	1/27 dynamic scan
Refresh Rate [Hz]	3840	3840	3840	3840	3840
Colour Temperature [K]	3000 - 9500 adjustable / 6500 default	3000 - 9500 adjustable / 6500 default	3000 - 9500 adjustable / 6500 default	3000 - 9500 adjustable / 6500 default	3000 - 9500 adjustable / 6500 default
Power Typical [W] m <sup>2</sup>	380	300	275	275	225
Power Maximum [W] m <sup>2</sup>	720	600	600	600	575
Dimensions (W x H x D) [mm]	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49
Weight [kg] Module	8.8	8.8	8.8	8.8	8.8
Serviceability	Front	Front	Front	Front	Front
IP Level (Front/Rear)	IP20	IP20	IP20	IP20	IP20
Certifications	CE, ETL/UL, FCC Class A, RoHS	CE, ETL/UL, FCC Class A, RoHS	CE, ETL/UL, FCC Class A, RoHS	CE, ETL/UL, FCC Class A, RoHS	CE, ETL/UL, FCC Class A, RoHS
Warranty	3 years (options to extend)	3 years (options to extend)	3 years (options to extend)	3 years (options to extend)	3 years (options to extend)

	LD-FE312	LD-FE382
Order Code	81001039	81001013
Pixel Configuration	3-in-1 SMD (Black)	3-in-1 SMD (Black)
LED type	SMD (1415)	SMD (1415)
Resolution per m <sup>2</sup>	99723	69252
Number of Pixel per module [dot]	20736	14400
Number of Pixel per card [dot]	2592	1800
Pixel Pitch [mm]	3.1	3.8
Brightness (max.) [cd/m <sup>2</sup> ]	1000	1000
Lifetime	100000 hours	100000 hours
Contrast Ratio (typ.)	5000:1	5000:1
Viewing Angle [°] hor / ver	160 / 160	160 / 160
Colour Processing	16 bit	16 bit
LED Driving Method	1/27 dynamic scan	1/15 dynamic scan
Refresh Rate [Hz]	3840	840
Colour Temperature [K]	3000 - 9500 adjustable / 6500 default	3000 - 9500 adjustable / 6500 default
Power Typical [W] m <sup>2</sup>	225	225
Power Maximum [W] m <sup>2</sup>	575	575
Dimensions (W x H x D) [mm]	608 x 342 x 49	608 x 342 x 49
Weight [kg] Module	8.8	8.8
Serviceability	Front	Front
IP Level (Front/Rear)	IP20	IP20
Certifications	CE, ETL/UL, FCC Class A, RoHS	CE, ETL/UL, FCC Class A, RoHS
Warranty	3 years (options to extend)	3 years (options to extend)

## FE Series Bundles | Indoor FinePitch LED Bundles\*

	LD-FE092-104	LD-FE092-110*	LD-FE092-165	LD-FE122-110
Order Code	81000450	81000291	81000112	81000183
Screen Size [inch/cm]	104 / 264	110 / 279.4	165 / 419	110 / 279
Resolution	2560 x 1080	2560 x 1440	3840 x 2160	1920 x 1080
Module Configuration	4 x 3	4 x 4	6 x 6	4 x 4
LED type	IMD (1616)	IMD (1616)	IMD (1616)	SMD (1010)
Pixel Pitch [mm]	0.95	0.95	0.95	1.266
Brightness (max.) [cd/m <sup>2</sup> ]	600	600	600	700
Lifetime	100000 hours	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	5000:1	5000:1	5000:1	5000:1
Viewing Angle [°] hor / ver	140 / 140	140 / 140	140 / 140	170 / 170
Colour Processing	16 bit	16 bit	16 bit	16 bit
LED Driving Method	1/46 dynamic scan	1/46 dynamic scan	1/46 dynamic scan	1/27 dynamic scan
Refresh Rate [Hz]	3840	3840	3840	3840
Colour Temperature [K]	3000 - 9500 adjustable / 6500 default	3000 - 9500 adjustable / 6500 default	3000 - 9500 adjustable / 6500 default	3000 - 9500 adjustable / 6500 default
Power Typical [W]	960	1280	2880	912
Dimensions (W x H x D) [mm]	2472 x 1066 x 82	2472 x 1489.5 x 82	3688 x 2173.5 x 82	2472 x 1498.5 x 82
Weight [kg]	115.6	182	390	251
Bezel Width T-L-R / B [mm]	20-20-20 / 20	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100
Connectivity via Controller	Displayport, HDMI; LAN and RS232	Displayport, HDMI; LAN and RS232	Displayport, HDMI; LAN and RS232	HDMI, DVI-D, 3G-SDI, LAN
Serviceability	Front	Front	Front	Front
IP Level (Front/Rear)	IP20	IP20	IP20	IP20
Certifications	CE, ETL/UL, FCC Class A, RoHS	CE, ETL/UL, FCC Class A, RoHS	CE, ETL/UL, FCC Class A, RoHS	CE, ETL/UL, FCC Class A, RoHS
Shipping Content	LED Controller, LED Modules, Overframe kit, Pixel Card removal Tool, Power Bar**, Spare Parts Kit, Wall Mount			
Warranty	3 years (options to extend)	3 years (options to extend)	3 years (options to extend)	3 years (options to extend)

	LD-FE122-220	LD-FE152-137	LD-FE192-165	LD-FE252-220
Order Code	81000184	81000185	81000188	81000190
Screen Size [inch/cm]	220 / 559	137 / 348	165 / 419	220 / 559
Resolution	3840 x 2160	1920 x 1080	1920 x 1080	1920 x 1080
Module Configuration	8 x 8	5 x 5	6 x 6	8 x 8
LED type	SMD (1010)	SMD (1010)	SMD (1010)	SMD (1415)
Pixel Pitch [mm]	1.266	1.583	1.9	2.533
Brightness (max.) [cd/m <sup>2</sup> ]	700	700	700	1000
Lifetime	100000 hours	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	5000:1	5000:1	5000:1	5000:1
Viewing Angle [°] hor / ver	170 / 170	170 / 170	170 / 170	160 / 140
Colour Processing	16 bit	16 bit	16 bit	16 bit
LED Driving Method	1/27 dynamic scan	1/27 dynamic scan	1/30 dynamic scan	1/27 dynamic scan
Refresh Rate [Hz]	3840	3840	3840	3840
Colour Temperature [K]	3000 - 9500 adjustable / 6500 default	3000 - 9500 adjustable / 6500 default	3000 - 9500 adjustable / 6500 default	3000 - 9500 adjustable / 6500 default
Power Typical [W]	3648	1425	2052	3008
Dimensions (W x H x D) [mm]	4904 x 2875.5 x 82	3080 x 1831.5 x 82	3688 x 2173.5 x 82	4904 x 2875.5 x 82
Weight [kg]	987	372	494	987
Bezel Width T-L-R / B [mm]	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100
Connectivity via Controller	Displayport, HDMI; LAN and RS232	HDMI, DVI-D, 3G-SDI, LAN	HDMI, DVI-D, 3G-SDI, LAN	HDMI, DVI-D, 3G-SDI, LAN
Serviceability	Front	Front	Front	Front
IP Level (Front/Rear)	IP20	IP20	IP20	IP20
Certifications	CE, ETL/UL, FCC Class A, RoHS	CE, ETL/UL, FCC Class A, RoHS	CE, ETL/UL, FCC Class A, RoHS	CE, ETL/UL, FCC Class A, RoHS
Shipping Content	LED Controller, LED Modules, Overframe kit, Pixel Card removal Tool, Power Bar**, Spare Parts Kit, Wall Mount			
Warranty	3 years (options to extend)	3 years (options to extend)	3 years (options to extend)	3 years (options to extend)

\* FE-E pixel card option available

\*\* Power Bar not included for FE009i2-104

## FE3 Series | Indoor FinePitch LED Modules

	LD-FE093	LD-FE123	LD-FE153	LD-FE193
Order Code	tbd	81000654	81000655	81000657
Pixel Configuration	4-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)
LED Type	IMD (1616)		SMD (1010) FlipChip	
Resolution per m <sup>2</sup>	1108033	623269	398892	277008
Number of Pixel per module [dot]	230400	129600	82944	57600
Number of Pixel per card [dot]	28800	16200	10368	7200
Pixel Pitch [mm]	0.95	1.266	1.583	1.9
Brightness (max.) [cd/m <sup>2</sup> ]	600	700	700	700
Lifetime	100000 hours	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	7000:1	8000:1	8000:1	8000:1
Viewing Angle [°] hor/ver	140/140	170/160	170/160	160/160
Colour Processing	16 bit	16 bit	16 bit	16 bit
LED Driving Method	1/46 dynamic scan	1/45 dynamic scan	1/48 dynamic scan	1/45 dynamic scan
Refresh Rate [Hz]	3840	3840	3840	3840
Colour Temperature [K]	3000 - 9500	3000 - 9500	3000 - 9500	3000 - 9500
Power Typical [W] m <sup>2</sup>	165	106	106	106
Power Maximum [W] m <sup>2</sup>	220	183	183	183
Dimensions (W x H x D) [mm]	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49
Weight [kg]	8.8	8.8	8.8	8.8
Serviceability	Front	Front	Front	Front
IP Level (Front/Rear)	IP20	IP20	IP20	IP20
Certifications	CE, ETL/UL, FCC Class A, RoHS, EMC Class B (Module)			
Warranty	3 years (options to extend)			

## FE3 Series Bundles | Indoor FinePitch LED Bundles

	LD-FE093-104	LD-FE093-110	LD-FE093-165	LD-FE123-110	LD-FE123-220	LD-FE153-137	LD-FE193-165
Order Code	tbd	tbd	tbd	81000818	81000821	81000819	81000820
Screen Size [inch/cm]	104 / 264	110 / 279.4	165 / 419	110 / 279	220 / 559	137 / 348	165 / 419
Resolution	2560 x 1080	2560 x 1440	3840 x 2160	1920 x 1080	3840 x 2160	1920 x 1080	1920 x 1080
Module Configuration	4 x 3	4 x 4	6 x 6	4 x 4	8 x 8	5 x 5	6 x 6
LED Type	IMD (1616)	IMD (1616)	IMD (1616)	SMD (1010) FlipChip	SMD (1010) FlipChip	SMD (1010) FlipChip	SMD (1010) FlipChip
Pixel Pitch [mm]	0.95	0.95	0.95	1.266	1.266	1.583	1.9
Brightness (max.) [cd/m <sup>2</sup> ]	600	600	600	700	700	700	700
Lifetime	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	7000:1	7000:1	7000:1	8000:1	8000:1	8000:1	8000:1
Viewing Angle [°] hor/ver	140/140	140/140	140/140	170/160	170/160	170/160	160/160
Colour Processing	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
LED Driving Method	1/46 dynamic scan	1/46 dynamic scan	1/46 dynamic scan	1/45 dynamic scan	1/45 dynamic scan	1/48 dynamic scan	1/45 dynamic scan
Refresh Rate [Hz]	3840	3840	3840	3840	3840	3840	3840
Colour Temperature [K]	3000 - 9500	3000 - 9500	3000 - 9500	3000 - 9500	3000 - 9500	3000 - 9500	3000 - 9500
Power Typical [W]	412	549	1235	390	1495	598	850
Dimensions (W x H x D) [mm]	2472 x 1066 x 82	2472 x 1489.5 x 82	3688 x 2173.5 x 82	2472 x 1489.5 x 82	4904 x 2875.5 x 82	3080 x 1831.5 x 82	3688 x 2173.5 x 82
Weight [kg]	115.6	182	390	251	987	372	494
Bezel Width T-L-R / B [mm]	20-20-20 / 20	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100
Connectivity via Controller	Displayport, HDMI, LAN and RS232	Displayport, HDMI, LAN and RS232	Displayport, HDMI, LAN and RS232	HDMI, DVI-D, 3G SDI, LAN	Displayport, HDMI, LAN and RS232	HDMI, DVI-D, 3G SDI, LAN	HDMI, DVI-D, 3G SDI, LAN
Serviceability	Front	Front	Front	Front	Front	Front	Front
IP Level (Front/Rear)	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Certifications	CE, ETL/UL, FCC Class A, RoHS						
Shipping Content	LED Controller, LED Modules, Overframe Kit, Power Bar, Wall Mount, Spare Parts Kit, Pixel Card Removal Tool						
Warranty	3 years (options to extend)						

## FA Series | Indoor FinePitch LED Modules

	LD-FA092	LD-FA122	LD-FA152	LD-FA192	LD-FA252	LD-FA312	LD-FA382	LD-FA093	LD-FA123	LD-FA153	LD-FA193
Order Code	81001040	81001041	81001042	81001043	81001044	81001046	81001047	tbd	tbd	tbd	tbd
Pixel Configuration	4-in-1 IMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	4-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)
LED type	IMD (1616)	SMD (1010)	SMD (1010)	SMD (1010)	SMD (1515)	SMD (1515)	SMD (1515)	IMD (1616)	SMD (1010)	SMD (1010)	SMD (1010)
Resolution per m <sup>2</sup>	1108033	623269	398892	277008	155817	99723	69252	1108033	623269	398892	277008
Number of Pixel per module [dot]	230400	129600	82944	57600	32400	20736	14400	230400	129600	82944	57600
Number of Pixel per card [dot]	28800	16200	10368	7200	4020	2592	1800	28800	16200	10368	7200
Pixel Pitch [mm]	0.95	1.266	1.583	1.9	2.533	3.167	3.8	0.95	1.266	1.583	1.9
Brightness (max.) [cd/m <sup>2</sup> ]	600	800	800	800	1200	1200	1200	600	800	800	800
Lifetime	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	5000:1	5000:1	5000:1	5000:1	7000:1	7000:1	7000:1	5000:1	5000:1	5000:1	5000:1
Viewing Angle [°] hor/ver	140 / 140	170 / 170	170 / 170	170 / 170	160 / 160	160 / 160	160 / 160	140 / 140	170 / 170	170 / 170	170 / 170
Colour Processing	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
LED Driving Method	1/46 dynamic scan	1/27 dynamic scan	1/27 dynamic scan	1/30 dynamic scan	1/27 dynamic scan	1/27 dynamic scan	1/15 dynamic scan	1/46 dynamic scan	1/27 dynamic scan	1/27 dynamic scan	1/30 dynamic scan
Refresh Rate [Hz]	3840	3840	3840	3840	3840	3840	3840	3840	3840	3840	3840
Colour Temperature [K]	3000 - 9500 adjustable / 6500 default				3000 - 9500 adjustable / 6500 default				3000 - 9500 adjustable / 6500 default		
Power Typical [W] m <sup>2</sup>	380	315	275	275	225	225	225	380	315	275	275
Power Maximum [W] m <sup>2</sup>	720	600	600	600	575	575	575	720	600	600	600
Dimensions (W x H x D) [mm]	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49
Weight [kg] Module	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
Serviceability	Front	Front	Front	Front	Front	Front	Front	Front	Front	Front	Front
IP Level (Front/Rear)	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Certifications	CE, FCC Class A, RoHS, ETL/UL				CE, FCC Class A, RoHS, ETL/UL				CE, FCC Class A, RoHS, ETL/UL		
Warranty	3 years (options to extend)				3 years (options to extend)				3 years (options to extend)		

## FA Series | Indoor FinePitch LED Bundles

	LD-FA092-110	LD-FA092-165	LD-FA122-110	LD-FA122-220	LD-FA152-137	LD-FA192-165	LD-FA252-220
Order Code	81000290	81000101	81000171	81000172	81000173	81000176	81000178
Screen Size [inch/cm]	110 / 279.4	165 / 419	110 / 279	220 / 559	137 / 348	165 / 419	220 / 559
Resolution	2560 x 1440	3840 x 2160	1920 x 1080	3840 x 2160	1920 x 1080	1920 x 1080	1920 x 1080
Module Configuration	4 x 4	6 x 6	4 x 4	8 x 8	5 x 5	6 x 6	8 x 8
LED type	IMD (1616)	IMD (1616)	SMD (1010)	SMD (1010)	SMD (1010)	SMD (1010)	SMD (1515)
Pixel Pitch [mm]	0.95	0.95	1.266	1.266	1.583	1.9	2.533
Brightness (max.) [cd/m²]	600	600	800	800	800	800	1200
Lifetime	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	7000:1
Viewing Angle [°] hor / ver	140 / 140	140 / 140	170 / 170	170 / 170	170 / 170	170 / 170	160 / 160
Colour Processing	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
LED Driving Method	1/46 dynamic scan	1/46 dynamic scan	1/27 dynamic scan	1/27 dynamic scan	1/27 dynamic scan	1/30 dynamic scan	1/27 dynamic scan
Refresh Rate [Hz]	≤ 3840	≤ 3840	≤ 3840	≤ 3840	≤ 3840	≤ 3840	≤ 3840
Colour Temperature [K]	3000 - 9500 adjustable / 6500 default				3000 - 9500 adjustable / 6500 default		
Power Typical [W]	1280	2880	912	3648	1425	2050	3008
Dimensions (W x H x D) [mm]	2472 x 1489.5 x 82	3688 x 2173.5 x 82	2472 x 1498.5 x 82	4904 x 2875.5 x 82	3080 x 1831.5 x 82	3688 x 2173.5 x 82	4904 x 2875.5 x 82
Weight [kg]	182	390	251	660	372	494	987
Bezel Width T-L-R / B [mm]	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100
Connectivity (via Controller)	Displayport, HDMI; LAN and RS232		HDMI, DVI-D, 3G-SDI, LAN	Displayport, HDMI; LAN and RS232		HDMI, DVI-D, 3G-SDI, LAN	
Redundancy	LED Controllers, Power Supplies, Receiving Cards				LED Controllers, Power Supplies, Receiving Cards		
Serviceability	Front	Front	Front	Front	Front	Front	Front
IP Level (Front/Rear)	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Certifications	CE, FCC Class A, RoHS, ETL/UL	CE, FCC Class A, RoHS, ETL/UL	CE, FCC Class A, RoHS, ETL/UL	CE, FCC Class A, RoHS, ETL/UL	CE, FCC Class A, RoHS, ETL/UL	CE, FCC Class A, RoHS, ETL/UL	CE, FCC Class A, RoHS, ETL/UL
Shipping Content	LED Controller, LED Modules, Overframe Kit, Pixel Card removal Tool, Power Bar, Spare Parts Kit, Wall Mount						
Warranty	3 years (options to extend)				3 years (options to extend)		

## D Series Bundles | Indoor FinePitch LED Modules

	LD-D091	LD-D121	LD-D151
Order Code	TBD	TBD	TBD
Pixel Configuration	3-in-1 COB	3-in-1 COB	3-in-1 COB
LED Type	COB (0408)	COB (0408)	COB (0408)
Resolution per m²	1108033	623269	398892
Number of Pixel per module [dot]	230400	129600	82944
Number of Pixel per card [dot]	28800	16200	10368
Pixel Pitch [mm]	0.95	1.267	1.583
Brightness (max.) [cd/m²]	800	800	800
Lifetime	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	20.000:1	20.000:1	20.000:1
Viewing Angle [°] hor / ver	160 / 150	160 / 160	160 / 160
Colour Processing	16 bit	16 bit	16 bit
LED Driving Method	1/36 dynamic scan	1/45 dynamic scan	1/36 dynamic scan
Refresh Rate [Hz]	3840	3840	3840
Colour Temperature [K]	3000-9500	3000-9500	3000-9500
Power Typical [W] m²	135	192	173
Power Maximum [W] m²	289	337	313
Dimensions (W x H x D) [mm]	608 x 342 x 48.5	608 x 342 x 48.5	608 x 342 x 48.5
Weight [kg] Module	7	7	7
Serviceability	Front	Front	Front
IP Level (Front/Rear)	IP40 / IP20	IP40 / IP20	IP40 / IP20
Certifications	CE, ETL/UL, FCC Class A, RoHS		
Warranty	3 years (options to extend)		

## B Series | Indoor Modules

	B039i	B025i
Ordercode	80000026	80001083
Pixel Configuration	3-in-1 SMD (Black)	3-in-1 SMD
LED type	SMD (2121)	SMD (2121)
Resolution per m²	65536	155817
Number of Pixel per module [dot]	4096	200 x 200
Pixel Pitch [mm]	3.91	2.5
Brightness (max.) [cd/m²]	1000	1000
Lifetime	100000 hours	100000 hours
Contrast Ratio (typ.)	3000:1	3000:1
Viewing Angle [°] hor / ver	160 / 160	160 / 160
Colour Processing	16 bit	16 bit
Colours	281 trillion	281 trillion
LED Driving Method	1/16 dynamic scan	1/16 dynamic scan
Refresh Rate [Hz]	2400	2400
Colour Temperature [K]	3200 - 9300 adjustable	3200 - 9300 adjustable
Power Typical [W] m²	136	136
Power Maximum [W] m²	400	400
Dimensions (W x H x D) [mm]	500 x 500 x 78	500 x 500 x 78
Weight [kg]	9	9
Dimension Pixelcard (W x H) [mm]	250 x 250	250 x 250
Serviceability	Standard Rear, Front Optional	Standard Rear, Front Optional
IP Level (Front/Rear)	IP30	IP30
Certifications	CE, EMC Class B, RoHS, CCC	

## D Series Bundles | Indoor FinePitch LED Bundles

	LD-D091-110	LD-D091-165	LD-D121-110	LD-D121-220	LD-D151-137
Order Code	81000822	81000823	81000824	81000826	81000827
Screen Size [Inch]	110	165	110	220	137
Resolution	2560 x 1440	3840 x 2160	1920 x 1080	3840 x 2160	1920 x 1080
Module Configuration	4 x 4	6 x 6	4 x 4	8 x 8	5 x 5
LED Type	COB (0408)	COB (0408)	COB (0408)	COB (0408)	COB (0408)
Pixel Pitch [mm]	0.95	0.95	1.267	1.267	1.583
Brightness (max.) [cd/m²]	800	800	800	800	800
Lifetime	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	20.000:1	20.000:1	20.000:1	20.000:1	20.000:1
Viewing Angle [°] hor / ver	160 / 150	160 / 150	160 / 160	160 / 160	160 / 160
Colour Processing	16 bit	16 bit	16 bit	16 bit	16 bit
LED Driving Method	1/36 dynamic scan	1/36 dynamic scan	1/45 dynamic scan	1/45 dynamic scan	1/36 dynamic scan
Refresh Rate [Hz]	3840	3840	3840	3840	3840
Colour Temperature [K]	3000-9500	3000-9500	3000-9500	3000-9500	3000-9500
Power Typical [W] m²	497	1008	640	2560	900
Dimensions (W x H x D) [mm]	2472 x 1489.5 x 82	3688 x 2173 x 82	2472 x 1489.5 x 82	4904 x 2875.5 x 82	3080 x 1831.5 x 82
Weight [kg]	153,2	325	153,2	543	234
Bezel Width T-L-R / B [mm]	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100
Connectivity via Controller	Displayport, HDMI, LAN and RS232	Displayport, HDMI, LAN and RS232	3G SDI, DVI-D, HDMI, LAN	Displayport, HDMI, LAN and RS232	3G SDI, DVI-D, HDMI, LAN
Serviceability	Front	Front	Front	Front	Front
IP Level (Front/Rear)	IP40 / IP20	IP40 / IP20	IP40 / IP20	IP40 / IP20	IP40 / IP20
Certifications	CE, ETL/UL, FCC Class A, RoHS	CE, ETL/UL, FCC Class A, RoHS	CE, ETL/UL, FCC Class A, RoHS	CE, ETL/UL, FCC Class A, RoHS	CE, ETL/UL, FCC Class A, RoHS
Shipping Content	LED Controller, LED Modules, Overframe Kit, Pixel Card Removal Tool, Power Bar, Spare Parts Kit, Wall Mount				
Warranty	3 years (options to extend)		3 years (options to extend)		3 years (options to extend)

# Large Format Displays.

## E Series | Essential Displays

	E509	E559	E659	E759	E869
Order Code	60006182	60006183	60006184	60006185	60006186
Panel technology	VA / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED
Screen size (inch/cm)	50 / 125.7	54.6 / 139	64.5 / 164	74.5 / 189.3	85.6 / 217.43
Brightness (max.) (cd/m2)	350	350	350	350	350
Contrast (typ.)	4000:1	1200:1	1200:1	1200:1	1200:1
Viewing Angle [°] hor/ver	178/178	178/178	178/178	178/178	178/178
Response time (typ. G to G) (ms)	8	8	8	8	8
Haze Level (%)	Pro (25)	Pro (25)	Pro (25)	Pro (25)	Pro (25)
Supported orientation	Landscape; Portrait	Landscape; Portrait	Landscape; Portrait	Landscape; Portrait	Landscape; Portrait
Native resolution	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Connectivity	2x HDMI, USB Type C	2x HDMI, USB Type C	2x HDMI, USB Type C	2x HDMI, USB Type C	2x HDMI, USB Type C
Power Consumption shipping (W)	99	100	125	170	245
Power Savings mode (W)	< 0.5; < 2 (Networked Standby)	< 0.5; < 2 (Networked Standby)	< 0.5; < 2 (Networked Standby)	< 0.5; < 2 (Networked Standby)	< 0.5; < 2 (Networked Standby)
Dimensions (WxHxD) (mm)	1,120 x 641 x 59.9	1,234 x 707 x 58.9	1,453 x 829 x 59.7	1,680 x 959 x 58.5	1,927 x 1,098 x 60
Weight (kg)	9,2	12	16,5	24	32,5
Bezel Width (mm)	10,8	10,8	10,8	12,9	12,9
Integrated Speakers	2x 10W	2x 10W	2x 10W	2x 10W	2x 10W
NaviSet	✓	✓	✓	✓	✓

## ME Series | Midrange Displays

MultiSync® Model	ME432	ME502	ME552	ME652	ME752	ME862	ME982
Order Code	60005921	60005922	60005923	60005924	60005925	60005926	60005927
Panel Technology	IPS / Direct LED	VA / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED
Screen Size [inch / cm]	43 / 108	50 / 126	55 / 139	65 / 164	75 / 189.3	86 / 217.4	98 / 247.7
Brightness (max.) [cd/m²]	400	450	450	450	450	450	450
Contrast (typ.)	1200:1	5000:1	1200:1	1200:1	1200:1	1200:1	1200:1
Viewing Angle [°] hor/ver	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response time (typ. G to G) (ms)	8	6	8	8	8	8	8
Haze Level (%)	Pro (25)	Pro (25)	Pro (25)	Pro (25)	Pro (25)	Pro (25)	Pro (25)
Supported orientation	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait
Native Resolution	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Embedded Computing	Android 13, 4G RAM, 32GB ROM	Android 13, 4G RAM, 32GB ROM	Android 13, 4G RAM, 32GB ROM	Android 13, 4G RAM, 32GB ROM	Android 13, 4G RAM, 32GB ROM	Android 13, 4G RAM, 32GB ROM	Android 13, 4G RAM, 32GB ROM
Connectivity	3 HDMI, USB Type C	3 HDMI, USB Type C	3 HDMI, USB Type C	3 HDMI, USB Type C	3 HDMI, USB Type C	3 HDMI, USB Type C	3 HDMI, USB Type C
Power Consumption shipping [W]	90	85	120	140	132	162	206
Power Savings Mode [W]	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dimensions (W x H x D) [mm]	964.6 x 552.5 x 62	1118.6 x 639.2 x 62	1233 x 703.5 x 62	1463.3 x 838.2 x 68	1686 x 964 x 68	1931 x 1.102 x 68	2199 x 1.255 x 69
Weight [kg]	9.4	11.7	13.2	23.7	34,3	42	54,5
Bezel Width [mm]	9.9	9.9	9.9	15.9	15.9	15.9	18
Integrated Speakers	2x 10 W	2x 10 W	2x 10 W	2x 10 W	2x 10 W	2x 10 W	2x 10 W
NaViSet	✓	✓	✓	✓	✓	✓	✓

## M Series | Midrange Displays

MultiSync® Model	M322	M432	M502	M552	M652	M752	M862	M982
Order Code	60006052	60006053	60006054	60006055	60006056	60006057	60006058	60006059
Panel Technology	VA / Direct LED	IPS / Direct LED	VA / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED
Screen Size [inch / cm]	32 / 80	43 / 108	50 / 126	55 / 139	65 / 164	75 / 189.3	86 / 217.2	98 / 247.7
Brightness (max.) [cd/m²]	450	550	550	550	550	550	550	550
Contrast (typ.)	4000:1	8000:1	8000:1	>= 8000:1	8000:1	8000:1	8000:1	8000:1
Viewing Angle Hor / Ver [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response time (typ. G to G) (ms)	8	8	8	8	8	8	8	8
Haze Level (%)	Pro (28)	Pro (25)	Pro (25)	Pro (25)	Pro (25)	Pro (25)	Pro (25)	Pro (25)
Supported orientation	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up
Native Resolution	1920 x 1080	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Connectivity	1x DP, 2 x HDMI In	1x DP In, 2x HDMI In, 1x USB-C (65W), 1x DP Out, 1x HDMI Out	1x DP In, 2x HDMI In, 1x USB-C (65W), 1x DP Out, 1x HDMI Out	1x DP In, 2x HDMI In, 1x USB-C (65W), 1x DP Out, 1x HDMI Out	1x DP In, 2x HDMI In, 1x USB-C (65W), 1x DP Out, 1x HDMI Out	1x DP In, 2x HDMI In, 1x USB-C (65W), 1x DP Out, 1x HDMI Out	1x DP In, 2x HDMI In, 1x USB-C (65W), 1x DP Out, 1x HDMI Out	1x DP In, 2x HDMI In, 1x USB-C (65W), 1x DP Out, 1x HDMI Out
Slot-In Option	⊗	Intel® SDM; RPi Compute Module (MPI4 / MPI5 Kit)	Intel® SDM; RPi Compute Module (MPI4 / MPI5 Kit)	Intel® SDM; RPi Compute Module (MPI4 / MPI5 Kit)	Intel® SDM; RPi Compute Module (MPI4 / MPI5 Kit)	Intel® SDM; RPi Compute Module (MPI4 / MPI5 Kit)	Intel® SDM; RPi Compute Module (MPI4 / MPI5 Kit)	Intel® SDM; RPi Compute Module (MPI4 / MPI5 Kit)
Power Consumption shipping [W]	40	75	85	105	135	140	190	210
Power Savings Mode [W]	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dimensions (W x H x D) [mm]	726.5 x 425.4 x 66.5	965 x 557.2 x 66.5	1121.6 x 645.2 x 66.5	1235.6 x 709.3 x 59.5	1454.5 x 832.4 x 59.5	1682.3 x 961.1 x 83.2	1927.6 x 1099.1 x 83.2	2194.7 x 1250.2 x 84.3
Weight [kg]	6.3	13.5	18	20.5	26	38	47	68
Bezel Width [mm]	17.2 (bottom); 11.9 (left and right); 11.8 (top)	13.9 (bottom); 9.9 (left, right, top)	13.9 (bottom); 10.9 (left, right, top)	13.9 (bottom); 11 (left, right, top)	13.9 (bottom); 11 (left, right, top)	14.8 (bottom); 14.3 (left, right, top)	13.9 (bottom); 9.9 (left, right, top)	15.9
Integrated Speakers	2x 5W	2 x 10W	2 x 10W	2 x 10W	2 x 10W	2 x 10W	2 x 10W	2 x 10W
NaViSet	✓	✓	✓	✓	✓	✓	✓	✓
SpectraView Engine	⊗	✓	✓	✓	✓	✓	✓	✓
AirServer	⊗	Optional	Optional	Optional	Optional	Optional	Optional	Optional

✓ Supported

⊗ Not supported

## P Series | Professional Signage

MultiSync® Model	P436	P506	P556	P656
Order Code	60005911	60006060	60005916	60006061
Panel Technology	IPS / Direct LED	VA / Direct LED	IPS / Direct LED	IPS / Direct LED
Screen Size [inch / cm]	43 / 108	50 / 126	55 / 139	65 / 164
Brightness (max.) [cd/m²]	700	700	700	700
Contrast (typ.)	≥ 8000:1	≥ 8000:1	≥ 8000:1	≥ 8000:1
Viewing Angle Hor / Ver [°]	178 / 178	178 / 178	178 / 178	178 / 178
Response time (typ. G to G) (ms)	8	8	8	8
Haze Level (%)	Pro (25)	Pro (25)	Pro (25)	Pro (25)
Supported Orientation	Landscape, Portrait, Face Up, Face Down	Landscape, Portrait, Face Up, Face Down	Landscape, Portrait, Face Up, Face Down	Landscape, Portrait, Face Up, Face Down
Native Resolution	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Connectivity	1x DP In, 2x HDMI In, 1x USB-C (65W), 1x DP Out, 1x HDMI Out	1x DP In, 2x HDMI In, 1x USB-C (65W), 1x DP Out, 1x HDMI Out	1x DP In, 2x HDMI In, 1x USB-C (65W), 1x DP Out, 1x HDMI Out	1x DP In, 2x HDMI In, 1x USB-C (65W), 1x DP Out, 1x HDMI Out
Slot-In Option	Intel® SDM; RPi Compute Module (MPI4 / MPI5 Kit)	Intel® SDM; RPi Compute Module (MPI4 / MPI5 Kit)	Intel® SDM; RPi Compute Module (MPI4 / MPI5 Kit)	Intel® SDM; RPi Compute Module (MPI4 / MPI5 Kit)
Power Consumption shipping [W]	80	95	115	160
Power Savings Mode [W]	<0.5	<0.5	<0.5	<0.5
Dimensions (W x H x D) [mm]	965 x 557.2 x 66.5	1121.6 x 645.2 x 66.5	1253.6 x 709.3 x 59.5	1454.5 x 832.4 x 59.5
Weight [kg]	13.55	18	20.5	26
Bezel Width [mm]	13.9 (bottom); 9.9 (left, right, top)	13.9 (bottom); 10.9 (left, right, top)	13.9 (bottom); 11 (left, right, top)	13.9 (bottom); 11 (left, right, top)
Integrated Speakers	2x 10W	2x 10W	2x 10W	2x 10W
NaViSet	✓	✓	✓	✓
SpectraView Engine	✓	✓	✓	✓

## UN Series | Video Wall

MultiSync® Model	UN552	UN553V	UN553S	UN552VS
Order Code	60004884	60006189	60006188	60004524
Panel Technology	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED
Screen Size [inch / cm]	55 / 140	55 / 140	55 / 140	55 / 140
Brightness (Max.) [cd/m²]	700	500	700	500
Contrast (typ.)	1200:1	3500:1	3500:1	1100:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8
Haze Level (%)	Pro (28)	Pro (28)	Pro (28)	Pro (28)
Supported Orientation	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait
Native Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Connectivity	DP In/Out, HDMI In/Out, DVI-D, VGA	DP In/Out, HDMI In/Out, DVI-D, VGA	DP In/Out, HDMI In/Out, DVI-D, VGA	DP In/Out, HDMI In/Out, DVI-D, VGA
Slot-In Option	OPS, Compute Module Slot	OPS, Compute Module Slot	OPS, Compute Module Slot	OPS, Compute Module Slot
Power Consumption shipping [W]	150	140	180	160
Power Savings Mode [W]	<0.5	<0.5	<0.5	<0.5
Dimensions (W x H x D) [mm]	1213 x 684 x 104	1213 x 684 x 106	1211 x 681 x 103	1211 x 682 x 99
Weight [kg]	25.5	28.6	28.1	25.8
Bezel Width T - L / B - R [mm]	2.3 / 1.2	1.8 / 1.1	0.44 / 0.44	0.44 / 0.44
NaViSet	✓	✓	✓	✓
SpectraView Engine	✓	✓	✓	✓
NEC Display Wall Calibrator	✓	✓	✓	✓

✓ Supported

✗ Not supported

# Investor Day 2026

## Vision Unveiled

Discover our roadmap for long-term, sustainable growth.

## Financial Outlook

Gain insights into performance, targets, and shareholder returns.

## Leadership Access

Hear directly from our executives on strategy and impact.



# Interactive Displays.

	LA Series   High End			LB Series   Midrange			LC Series   Entry		
MultiSync® Model	PN-LA652	PN-LA752	PN-LA862	PN-L652B	PN-L752B	PN-L862B	PN-LC652	PN-LC752	PN-LC862
Order Code	60005930	60005933	60005559	60005557	60005558	60005559	60005890	60005892	60005901
Panel Technology	IPS / Direct LED			VA / IPS Direct		IPS / Direct LED	IPS / Direct LED		
Screen Size [inch / cm]	65 / 163.9	75 / 189.3	86 / 217.4	65 / 163.9	75 / 189.3	86 / 217.4	65 / 163.9	75 / 189.3	86 / 217.4
Brightness w/o Glass (max.) [cd/m <sup>2</sup> ]	450	500	500	400	400	400	450	450	450
Supported Orientation	Landscape, Portrait, Face-up			Landscape & Portrait		Landscape	Landscape		
Operating Hours	24/7			16/7			16/7		
Haze Level (%)	4 ~ 8			3 ~ 8			3 ~ 8		
Hardness [H]	≥8			≥8			≥8		
Bonding Technology	Zero Bonding			Zero Bonding			Zero Bonding		
Touch Technology	InGlass™ M5			PrecisionTouch			Infrared		
Touch Points	20			20			20		
Input Method	Finger, Stylus, Gloves			Finger, Stylus, Gloves			Finger, Stylus, Gloves		
Packaged Pen	2x Passive Pen (2mm/5mm)			2x Passive Pen (3mm/9mm)			2x Passive Pen (3mm/8mm)		
Windows Ink	✓			✓			✗		
Palm Rejection	✓			✗			✗		
Connectivity	2x HDMI, 1x DP, 1x USB-C (65W), 3x USB-A, 1x USB-B (Touch), 1x DP OUT			1x VGA, 3x HDMI, 1x USB-C (65W), 5x USB-A, 2x USB-B (Touch)			1x VGA, 3x HDMI, 1x DP, 1x USB-C (65W), 4x USB-A, 2x USB-B (Touch), 1x HDMI OUT		
Front Bezel Ports	✗			2x USB-A			1x HDMI, 1x USB-B, 2x USB-A		
Slot-in Option	Intel SDM			Intel OPS			Intel OPS		
Embedded SoC	✗			Android 9			Android 11		
Google CTS	✗			✓			✗		
Hide Android SoC	✗			✓			✗		
App Side Loading (Android SoC)	✗			✓			✗		
Built-in Android Apps	✗			File Manager, Web Browser, Whiteboard, Wireless Screen Sharing - BytelloShare			File Manager, Web Browser, Whiteboard, Wireless Screen Sharing - EShare		
Software Included	FlatFrog Board for Rooms (1 year), NaViSet Administrator 2.0, Sharp Pen Software, additional applications with optional SDM-L Collaboration			NaViSet Administrator 2.0, Sharp Pen Software			NaViSet Administrator 2.0, Sharp Pen Software		
Power Consumption Eco (shipping) [W]	190	205	275	165	230	295	180	200	260
Dimensions (W x H x D) [mm]	1493.5 x 896.1 x 90.7	1720.1 x 1023.6 x 86.5	1965.4 x 1163.9 x 86.5	1488.4 x 896.6 x 85.5	1709.4 x 1019.8 x 85.7	1957 x 1159.5 x 85.7	1511.6 x 917.9 x 85.9	1722.5 x 1032.1 x 87.1	1967.9 x 1170.2 x 87.1
Weight [kg]	49	56.5	71.5	36.5	49.5	62.5	38.5	51	65
VESA Mounting [mm]	600 x 400			600 x 400	800 x 400	800 x 600	600 x 400	800 x 400	800 x 600
Bezel Width [mm]	4.8 (L/R/T); 32.3 (B)			16.8 (left, right and top); 45.7 (bottom)			21.9 (left, right and top); 53.2 (bottom)		
Front Bezel Buttons	Stand-by, User OSD			Stand-by			Stand-by, Home, Freeze, Input, Volume		
Integrated Speakers	2x 15 W			2x 10 W			2x 15 W		
Integrated Sensors	Temperature, Ambient Light, Presence Detection			Temperature			Temperature		
NaViSet	✓			✓			✓		
3rd Party Certifications	Barco ClickShare, Crestron CCV2, Cisco Webex			Barco ClickShare, Crestron CCV2 & XiO Cloud, Google CTS			Barco ClickShare		

## LM Series | IR

## M Series PCAP | PCAP

MultiSync® Model	LM431	LM551	M432 PCAP	M502 PCAP	M552 PCAP	M652 PCAP
Order Code	60006140	60006142	60006196	60006197	60006198	60006199
Base Model	⊗	⊗	M432	M502	M552	M652
Panel Technology	VA / Direct LED		IPS / Direct LED	VA / Direct LED	IPS / Direct LED	IPS / Direct LED
Screen Size [inch / cm]	43 / 108	55 / 138.8	43 / 108	50 / 126	55 / 139	65 / 164
Brightness w/o Glass [cd/m2]	500		550	550	550	550
Supported Orientation	Landscape / Portrait / Tilt (0-45°)		Landscape, Portrait, Face-up	Landscape, Portrait, Face-up	Landscape, Portrait, Face-up	Landscape, Portrait, Face-up
Operating Hours	18/7		24/7	24/7	24/7	24/7
Haze Level (%)	25		25	25	25	25
Hardness [H]	9		TBD	TBD	TBD	TBD
Bonding Technology	Zero Bonding		Airgab Bonding	Airgab Bonding	Airgab Bonding	Airgab Bonding
Touch Technology	Infrared		PCAP	PCAP	PCAP	PCAP
Touch Points	20		10	10	10	10
Input Method	Finger, Stylus, Gloves		Finger, Conductive Passive Stylus, Thin Gloves	Finger, Conductive Passive Stylus, Thin Gloves	Finger, Conductive Passive Stylus, Thin Gloves	Finger, Conductive Passive Stylus, Thin Gloves
Packaged Pen	2x Passive Pens (2.6mm/6.8mm)		⊗	⊗	⊗	⊗
Windows Ink	✓		⊗	⊗	⊗	⊗
Palm Rejection	⊗		⊗	⊗	⊗	⊗
Connectivity	3x HDMI, 1x USB-C (65W), 4x USB-A, 1x USB-B (Touch), 1x HDMI OUT		1x DP, 2x HDMI, 1x USB-C (65W), 2x USB-A, 1x DP OUT, 1x HDMI OUT			
Front Bezel Ports	⊗		⊗	⊗	⊗	⊗
Slot-in Option	⊗	Intel OPS	Intel SDM, RPi Compute Module 4	Intel SDM, RPi Compute Module 4	Intel SDM, RPi Compute Module 4	Intel SDM, RPi Compute Module 4
Embedded SoC	Android 14		⊗	⊗	⊗	⊗
Hide Android SoC	✓		⊗	⊗	⊗	⊗
App Side Loading (Android SoC)	✓		⊗	⊗	⊗	⊗
Built-in Android Apps	File Manager, Web Browser, Whiteboard, Wireless Screen Sharing - EShare, Office & PDF Viewer - OfficeSuite		⊗	⊗	⊗	⊗
Included Software	Sharp Pen Software, NaViSet Administrator 2		NaViSet Administrator 2	NaViSet Administrator 2	NaViSet Administrator 2	NaViSet Administrator 2
Power Consumption Eco (shipping) [W]	110	145	TBD	TBD	TBD	TBD
Dimensions (W x H x D) [mm]	994 x 582 x 73	1265 x 736 x 73	TBD	TBD	TBD	TBD
Weight [kg]	21	33	TBD	TBD	TBD	TBD
VESA Mounting [mm]	400 x 400		300 x 300	300 x 300	300 x 300	400 x 400
Bezel Width [mm]	15		Flush, bezel-free design	Flush, bezel-free design	Flush, bezel-free design	Flush, bezel-free design
Front Bezel Buttons	⊗		⊗	⊗	⊗	⊗
Integrated Speakers	2x 10 W		2x 10 W	2x 10 W	2x 10 W	2x 10 W
Integrated Sensors	Temperature		Temperature	Temperature	Temperature	Temperature
NaViSet	✓		✓	✓	✓	✓
3rd Party Certifications	Barco ClickShare, Google CTS		Crestion CCV2 & XiO Cloud	Crestion CCV2 & XiO Cloud	Crestion CCV2 & XiO Cloud	Crestion CCV2 & XiO Cloud

- ✓ Perfect Compatibility
- ⊗ not Compatible

## Computing/Slot-In Options | Compatibility

			Computing Modules (Intel CPU)		Interface Boards		
Model	Android SoC	MPi4/MPi5 Kits, powered by RaspberryPi	OPS form factor	SDM form factor	SDM HDBaseT	SDM 12G SDI	USB Type C
Large Format Displays							
ME432	✔	✘	✘	✘	✘	✘	✔
ME502	✔	✘	✘	✘	✘	✘	✔
ME552	✔	✘	✘	✘	✘	✘	✔
ME652	✔	✘	✘	✘	✘	✘	✔
ME752	✔	✘	✘	✘	✘	✘	✔
ME862	✔	✘	✘	✘	✘	✘	✔
ME982	✔	✘	✘	✘	✘	✘	✔
M322	✘	✘	✘	✘	✘	✘	✘
M432 (PCAP)	✘	✔	✘	✔	✔	✔	✔
M502 (PCAP)	✘	✔	✘	✔	✔	✔	✔
M552 (PCAP)	✘	✔	✘	✔	✔	✔	✔
M652 (PCAP)	✘	✔	✘	✔	✔	✔	✔
M752	✘	✔	✘	✔	✔	✔	✔
M862	✘	✔	✘	✔	✔	✔	✔
M982	✘	✔	✘				
P436	✘	✔	✘	✔	✔	✔	✔
P506	✘	✔	✘	✔	✔	✔	✔
P656	✘	✔	✘	✔	✔	✔	✔
UN552 / UN553V	✘	✘	✔	✘	via adapter SB-12AM		✘
UN553S / UN552VS	✘	✘	✔	✘	via adapter SB-12AM		✘
LM431	✔	✘	✘	✘	✘	✘	✔
LM551	✔	✘	✔	✘	✘	✘	✔
PN-LC652	✔	✘	✔	✘	via adapter SB-12AM		✔
PN-LC752	✔	✘	✔	✘	via adapter SB-12AM		✔
PN-L652B	✔	✘	✔	✘	via adapter SB-12AM		✔
PN-L752B	✔	✘	✔	✘	via adapter SB-12AM		✔
PN-L862B	✔	✘	✔	✘	via adapter SB-12AM		✔
PN-LA652	✘	✘	✘	✔	✔	✔	✔
PN-LA752	✘	✘	✘	✔	✔	✔	✔
PN-LA862	✘	✘	✘	✔	✔	✔	✔

## Soundbar & Speaker

Display Model	Built-in speakers		Soundbar	High-End-Speakers
	External Speaker	Order Code	100016015	100015612
	PN-ZCMS1	SP-RM3a		
E329	✓		✗	✗
E439	✓		✗	✗
E509	✓		✗	✗
E559	✓		✗	✗
E659	✓		✗	✗
E759	✓		✓*	✓
E869	✓		✓*	✓
ME432	✓		✓*	✓
ME502	✓		✓*	✓
ME552	✓		✓*	✓
ME652	✓		✓*	✓
ME752	✓		✓*	✓
ME862	✓		✓*	✓
ME982	✓		✓*	✓
M322	✓		✗*	✗
M432 (PCAP)	✓		✗*	✓
M502 (PCAP)	✓		✓*	✓
M552 (PCAP)	✓		✓*	✓
M652 (PCAP)	✓		✓*	✓
M752	✓		✓*	✓
M862	✓		✓*	✓
M982	✓		✓*	✓
P436	-		✓*	✓
P506	-		✓*	✓
P656	-		✓*	✓
UN552 / UN553V	-		✗	✓
UN553S / UN552VS	-		✗	✓
LM431	✓		✓	✗
LM551	✓		✓	✗
PN-LC652	✓		✓	✗
PN-LC752	✓		✓	✗
PN-LC862	✓		✓	✗
PN-L652B	✓		✓	✗
PN-L752B	✓		✓	✗
PN-L862B	✓		✓	✗
PN-LA652	✓		✓	✗
PN-LA752	✓		✓	✗
PN-LA862	✓		✓	✗

\* optional bracket available to mount PN-ZCMS1 on top of display;  
not available for modification models

## Stands

Display Model	Stands								
	Stands	Order Code	100015935	100016501	100015620	100016502	100015324	100014601	100016503
E329	✗		✗	✗	✗	✗	✗	✗	✗
E439	✗		✗	✗	✗	✓	✗	✗	✗
E509	✗		✗	✗	✗	✓	✗	✗	✗
E559	✗		✗	✗	✗	✗	✗	✓	✗
E659	✗		✗	✗	✗	✗	✗	✓	✗
E759	✗		✗	✗	✗	✗	✗	✗	✓
E869	✗		✗	✗	✗	✗	✗	✗	✓
ME432	✗		✗	✗	✓	✓	✗	✗	✗
ME502	✗		✗	✗	✓	✓	✗	✗	✗
ME552	✗		✗	✗	✓	✓	✗	✗	✗
ME652	✗		✗	✗	✗	✗	✗	✓	✗
ME752	✗		✗	✗	✗	✗	✗	✗	✓
ME862	✗		✗	✗	✗	✗	✗	✗	✓
ME982	✗		✗	✗	✗	✗	✗	✗	✓
M322	✓		✓	✗	✗	✗	✗	✗	✗
M432 (PCAP)	✗		✗	✓	✓	✗	✗	✗	✗
M502 (PCAP)	✗		✗	✓	✓	✗	✗	✗	✗
M552 (PCAP)	✗		✗	✓	✓	✗	✗	✗	✗
M652 (PCAP)	✗		✗	✗	✗	✗	✗	✓	✗
M752	✗		✗	✗	✗	✗	✗	✗	✓
M862	✗		✗	✗	✗	✗	✗	✗	✓
M982	✗		✗	✗	✗	✗	✗	✗	✓
P436	✗		✗	✓	✓	✗	✗	✗	✗
P506	✗		✗	✓	✓	✗	✗	✗	✗
P656	✗		✗	✓	✗	✗	✗	✓	✗
UN552 / UN553V	✗		✗	✗	✗	✓	✗	✗	✗
UN553S / UN552VS	✗		✗	✗	✗	✓	✗	✗	✗
LM431	✗		✗	✓	✓	✗	✗	✗	✗
LM551	✗		✗	✓	✓	✗	✗	✗	✗

Compatibility

✓ Perfect Compatibility

✓ Compatible - speakers might bulge from the back surface. It might also require an additional mounting bracket. Please refer to the respective Product Datasheet for more details

✗ not Compatible

# Desktop Displays.

## E Series | Commercial Enterprise

MultiSync® Model	E224F	E244F	E244FL
Order Code	60006220	60006221	60006224
Panel Technology	VA TFT with W-LED backlight	VA TFT with W-LED backlight	VA TFT with W-LED backlight
Screen Size [inch / cm]	22 / 55	24 / 60	24 / 60
Aspect Ratio	16:9	16:9	16:9
Brightness (typ.) [cd/m²]	250	250	250
Contrast (typ.)	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	6	6	6
Colours [Mio.]	16.77	16.77	16.77
Resolution at 60 Hz	1920 x 1080 at 60 Hz	1920 x 1080 at 60 Hz	1920 x 1080 at 60 Hz
Connectivity	DP, HDMI, D-sub 15 pin	DP, HDMI, D-sub 15 pin	LAN, USB Type-C, DP, HDMI, USB3.1 (2 down, 1 up)
Power ON (factory setting) [W]	14	17	19
Power Saving Mode [W]	0.22	0.22	0.22
Internal Power Supply	✔	✔	✔
Height Adjustable Stand [mm]	120	120	120
Other Ergonomics	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free
Bezel Width T - B / L - R [mm]	1, 16 (top and bottom)	1, 16 (top and bottom)	1, 16 (top and bottom)
Dimensions with stand (W x H x D) [mm]	610.4 x 376.9 - 506.9 x 282.6	610.4 x 376.9 - 506.9 x 282.6	610.4 x 376.9 - 506.9 x 282.6
Weight with stand [kg]	5.2	5.9	5.9
NaViSet	-	-	-

## EA Series | Advanced

MultiSync® Model	EA242W	EA241W	EA241F	EA242F	EA271F	EA272F	EA272U	EA272Q
Order Code	60006214 (BK), 60006219 (WH)	60006210 (BK), 60006211 (WH)	60006212 (BK), 60006213 (WH)	60006215 (BK), 60006217 (WH)	60006208 (BK), 60006209 (WH)	60006216 (BK), 60006218 (WH)	60006064 (BK) 60006081 (WH)	60005917 (BK) 60006080 (WH)
Panel Technology	IPS TFT with W-LED backlight	LED IPS TFT / W-LED	LED IPS TFT / W-LED	LED IPS TFT / W-LED	AH-IPS / W - LED	AH-IPS / W - LED	IPS TFT with W-LED backlight	IPS TFT with W-LED backlight
Screen Size [inch / cm]	24 / 61	24 / 61	24 / 61	24 / 61	27 / 69	27 / 69	27 / 68	27 / 68
Aspect Ratio	16:10	16:10	16:9	16:9	16:9	16:9	16:9	16:9
Brightness (typ.) [cd/m²]	300	300	250	250	250	250	400	350
Contrast (typ.)	1000:1 (5000:1 dynamic contrast ratio)	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1 (12000:1 dynamic contrast ratio)	1000:1 (7000:1 dynamic contrast ratio)
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	6	5	5	5	6	6	5	6
Colours [Mio.]	16.77	16.77	16.77	16.77	16.77	16.77	1064.64	16.78
Resolution at 60 Hz	1920 x 1080	1920 x 1200	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	3840 x 2160	2560 x 1440
Connectivity	DP, DP out, HDMI, USB Type C, USB 3.1 (2 down, 1 up), LAN	DVI-D, DP, HDMI, VGA, USB 3.1 (3 down, 1 up)	DVI-D, DP, HDMI, VGA, USB 3.1 (3 down, 1 up)	USB Type C, DP, DP out, HDMI, USB 3.1 (3 down, 2 up), D-Sub 15 pin	DVI-D, HDMI, USB 3.1 (3 down, 1 up), VGA	USB Type C, DP, DP out, HDMI, USB 3.1 (3 down, 2 up), VGA	DP, DP out, HDMI, USB Type C, USB 3.1 (3 down, 1 up), LAN	DP, DP out, HDMI, USB Type C, USB 3.1 (2 down, 2 up), LAN
Power ON (factory setting) [W]	21	20	15	19	17	19	31	27
Power Saving Mode [W]	0.3	0.3	0.31	0.3	0.5	0.3	0.33	0.33
Internal Power Supply	✔	✔	✔	✔	✔	✔	✔	✔
Height Adjustable Stand [mm]	150	150	150	150	150	150	150	150
Other Ergonomics	tilt, swivel, rotate	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free
Bezel Width T - B / L - R [mm]	0.8*	0.8*	0.8*	0.8*	1*	0.8*	1*	1*
Dimensions with stand (W x H x D) [mm]	531 x 365 x 250	532 x 365-515 x 250	538 x 337-487 x 250	538 x 337-487 x 250	610 x 377-527 x 250	610 x 377-527 x 250	612 x 378-528 x 250	612 x 378-528 x 250
Weight with stand [kg]	6.7	6.7	6.1	7	7.6	9.2	9.2	9.2
NaViSet	✔	✔	✔	✔	✔	✔	✔	✔

# Projectors.

## E Series | Essential

E501U	
Ordercode	60006200
Projection Technology	3LCD
Aspect Ratio	16:10
Native Resolution	1920 x 1200 (WUXGA)
Brightness [Lumen]	5000
Contrast Ratio	3000000:1
Projection Factor	1.35-1.64:1
Projection Distance [m]	0.75 - 13
Screen Size (cm / inch)	min.: 76.2 / 30 max.: 762 / 300
Zoom / Focus	Manual
Connectivity	Mini D-sub 15 pin In/Out, 2x HDMI, LAN, USB Type A, USB Type B
Power [W AC] Hi-Bright / Normal / ECO / Power-Saving	335 / 177 / 2 / 0.5
Laser life	20000
Dimensions (W x H x D) [mm]	390 x 128 x 294
Weight [kg]	5
Speakers [W]	1 x 16 (mono)
Education Warranty Available	✓
NaViSet	✓

## P Series | Professional

	P601U	P621Q	P701U	P721Q
Order Code	60005762	60006201	60006202	60006067
Projection Technology	3LCD	1-chip DLP™	1-chip DLP™	1-chip DLP™
Aspect Ratio	16:10	16:9	16:9	16:9
Resolution	1920 x 1200 (WUXGA)	3840 x 2160 (4K UHD)	3840 x 2160 (4K UHD)	3840 x 2160 (4K UHD)
Brightness [Lumen]	6200	6000	7000	7200
Brightness in ECO Mode [approx. %]	60	60	60	60
Contrast Ratio	600000:1	300000:1	300000:1	300000:1
Lens [mm]	F= 1.58-2.02, f= 5.3-24.6 mm	F= 2-2.4, f= 18.72-29.59	F= 2-2.4, f= 18.72-29.59	F= 2-2.4, f= 18.72-29.59
Projection Factor (std. option)	1.08 to 1.76	1.25 - 2 : 1	1.25 - 2 : 1	1.25 - 2 : 1
Projection Distance [m]	0.8 - 12.9	1.6 - 13.4	1.6 - 13.4	1.6 - 13.4
Screen Size (cm / inch)	min.: 76 / 30 max.: 762 / 300	min: 152 / 60 max: 762 / 300	min: 152 / 60 max: 762 / 300	min: 152 / 60 max: 762 / 300
Lens Adjustment	Manual	Motorized	Motorized	Motorized
Connectivity	Mini D-sub 15 pin, HD-BaseT, 2x HDMI, LAN, USB Type B, 2x USB Type A	HDBaseT, 2x HDMI, D-Sub 9 pin, USB A, USB B (for Service), LAN	HDBaseT, 2x HDMI, D-Sub 9 pin, USB A, USB B (for Service), LAN	HDBaseT, 2x HDMI, D-Sub 9 pin, USB A, USB B (for Service), LAN
Power [W AC] Standard / ECO / Power-Saving	318 / 237 / 1.6 / 0.3	315 / 236 / 0.3	375 / 281 / 0.3	520 / 280 / 0.5
Laser life	20000	20000	20000	20000
Dimensions (W x H x D) [mm]	480 x 122 x 407	486 x 176 x 432.5	486 x 176 x 432.5	486 x 176 x 432.5
Weight [kg]	9.7	14.7	14.7	14.7
Speakers (mono) [W]	1 x 20	2 x 10	2 x 10	2 x 10
Education Warranty Available	✓	✓	✓	✓
NaViSet	✓	✓	✓	✓

## PV Series | Professional

	PV710UL	PV800UL
Order Code	60005575 (W) 60005845 (B)	60005578 (W) 60005601 (B)
Projection Technology	3LCD	3LCD
Aspect Ratio	16:10	16:10
Resolution	1920 x 1200 (WUXGA)	
Brightness [Lumen]	7100	8000
Brightness in ECO Mode [approx. %]	90	90
Contrast Ratio	3000000:1	3000000:1
Lens [mm]	5 manual lens options; 5 motorized lens options	
Projection Factor (std. option)	depending on lens selection (std. option NP13ZL at 1.46-2.95:1)	
Projection Distance [m]	0.7 - 50.9	0.7 - 50.9
Screen Size (cm / inch)	min.: 101.6 / 40 max.: 1270 / 500	min.: 101.6 / 40 max.: 1270 / 500
Lens Adjustment	Motorized and manual (depending on lens)	
Connectivity	HD-BaseT, HDMI, LAN, USB Type A	
Power [W AC] Standard / ECO / Power-Saving	434 / 394 / 2.0 / 0.5	462 / 424 / 2.0 / 0.5
Laser life	20000	20000
Dimensions (W x H x D) [mm]	407 x 499 x 164	407 x 499 x 164
Weight [kg]	11.2	11.2
Speakers (mono) [W]	-	-
Education Warranty Available	✓	✓
NaViSet	✓	✓

## V Series | Professional

	V731	V801U
Order Code	60006249 (W), 60006250 (B)	60005578 (W) 60005601 (B)
Projection Technology	3LCD	3LCD
Aspect Ratio	16:10	16:10
Resolution	1920 x 1200 (WUXGA)	
Brightness [Lumen]	7300	8000
Brightness in ECO Mode [approx. %]	90	90
Contrast Ratio	3000000:1	3000000:1
Lens [mm]	5 motorized lens options	
Projection Factor (std. option)	depending on lens selection (std. option NP13ZL at 1.46-2.95:1)	
Projection Distance [m]	0.7 - 50.9	0.7 - 50.9
Screen Size (cm / inch)	min.: 101.6 / 40 max.: 1270 / 500	min.: 101.6 / 40 max.: 1270 / 500
Lens Adjustment	Motorized	Motorized
Connectivity	HD-BaseT, HDMI, LAN, USB Type A	
Power [W AC] Standard / ECO / Power-Saving	434 / 394 / 2.0 / 0.5	462 / 424 / 2.0 / 0.5
Laser life	20000	20000
Dimensions (W x H x D) [mm]	407 x 499 x 164	407 x 499 x 164
Weight [kg]	11.2	11.2
Speakers (mono) [W]	-	-
Education Warranty Available	✓	✓
NaViSet	✓	✓

## PA Series | Professional Advanced

	PA804UL	PA1004UL	PA1505UL	PA1705UL
Order Code	60005161 (BK) 60005035 (WH)	60005160 (BK) 60004512 (WH)	60005928 (BK) 60005971 (WH)	60005932 (BK) 60005972 (WH)
Projection Technology	3LCD	3LCD	3LCD	3LCD
Aspect Ratio	16:10	16:10	16:10	16:10
Native Resolution	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)
Brightness [Lumen]	8200	10000	14000	16000
Brightness in ECO Mode [approx. %]	80	80	70 - 90	70 - 90
Contrast Ratio	3000000:1	3000000:1	3000000:1	3000000:1
Lens [mm]	optional	optional	optional	optional
Lens: optional bayonet lenses	9	9	6	6
Projection Factor (std. option)	1.3-3.02:1 (NP41ZL)	1.3-3.02:1 (NP41ZL)	1.25-2.01:1 (NP54ZL)	1.25-2.01:1 (NP54ZL)
Projection Distance [m]	0.7 - 50.9	0.7 - 50.9	0.68 – 80.77	0.68 – 80.77
Screen Size (cm / inch)	1270 / 500	1270 / 500	1270 / 500	1270 / 500
Lens Adjustment	Manual / Motorised	Manual / Motorised	Motorized	Motorized
Connectivity	HDMI: 2 In, DP, D-Sub 15-pin, LAN, USB A, HDBaseT In/ Out, Audio: 1 In, 1 Out, 3D Sync, Remote In		HDMI 2 In, 3G-SDI, HDBaseT In/Out, LAN, USB Type A, Audio: 2 HDMI In, 1 HDBaseT In, 1 3.5mm Mini Jack Out	
Power [W AC] Standard / ECO / Power-Saving	615 / 350 / 0.28	725 / 395 / 0.28	925 / 825 / 0.5	995 / 825 / 0.5
Laser life	20000	20000	20000	20000
Dimensions (W x H x D) [mm]	599 x 208 x 490	599 x 208 x 490	599 x 238 x 490	599 x 238 x 490
Weight [kg]	24.1	24.4	28.7	28.7
Education Warranty Available	✓	✓	✓	✓
NaViSet	✓	✓	✓	✓
ProAssist	✓	✓	✓	✓

## A Series | Advanced

	A824U	A104U	A155U	A175U	A201U
Order Code	60005160 (BK) 60004512 (WH)	60006244 (B), 60006242 (W)	60006253 (B), 60006257 (W)	60006254 (B), 60006258 (W)	60006068 (BK)
Projection Technology	3LCD	3LCD	3LCD	3LCD	3LCD
Aspect Ratio	16:10	16:10	16:10	16:10	16:10
Native Resolution	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)
Brightness [Lumen]	8200	10000	14000	16000	20000
Brightness in ECO Mode [approx. %]	80	80	70 - 90	70 - 90	80
Contrast Ratio	3000000:1	3000000:1	3000000:1	3000000:1	3000000:1
Lens [mm]	optional	optional	optional	optional	optional
Lens: optional bayonet lenses	9	9	6	6	6
Projection Factor (std. option)	1.3-3.02:1 (NP41ZL)	1.3-3.02:1 (NP41ZL)	1.25-2.01:1 (NP54ZL)	1.25-2.01:1 (NP54ZL)	1.25-2.01:1 (NP54ZL)
Projection Distance [m]	0.7 - 50.9	0.7 - 50.9	0.68 – 80.77	0.68 – 80.77	0.68 – 80.77
Screen Size (cm / inch)	1270 / 500	1270 / 500	1270 / 500	1270 / 500	min: 152 / 60, max: 1270 / 500
Lens Adjustment	Motorised	Motorised	Motorized	Motorized	Motorized
Connectivity	HDBaseT: 1x In, 1X Out, 2x HDMI, USB Type A		3G-SDI, HDBaseT: 1x In, 1X Out, 2x HDMI, USB Type A		
Power [W AC] Standard / ECO / Power-Saving	725 / 395 / 0.28	615 / 350 / 0.28	995 / 825 / 0.5	995 / 825 / 0.5	1530 / 1400 / 0.5
Laser life	20000	20000	20000	20000	25000
Dimensions (W x H x D) [mm]	599 x 208 x 490	599 x 208 x 490	599 x 238 x 490	599 x 238 x 490	650 x 262 x 549
Weight [kg]	24.1	24.4	28.7	28.7	38.7
Education Warranty Available	✓	✓	✓	✓	✓
NaViSet	✓	✓	✓	✓	✓
ProAssist	✓	✓	✓	✓	✓

## X Series | Extreme

	X141Q	X171Q
Order Code	60006069 (BK) 60006145 (WH)	60006070 (BK) 60006146 (WH)
Projection Technology	1-chip DLP™	1-chip DLP™
Aspect Ratio	16:10	16:10
Native Resolution	3840 x 2400 (4K+)	3840 x 2400 (4K+)
Brightness [Lumen]	13500	16500
Brightness in ECO Mode [approx. %]	80	80
Contrast Ratio	3000000:1	3000000:1
Lens [mm]	optional	optional
Lens: optional bayonet lenses	6	6
Projection Factor (std. option)	depending on lens selection	depending on lens selection
Projection Distance [m]	0.86 – 43.2	0.86 – 43.2
Screen Size (cm / inch)	Min.: 100 / 40 Max.: 1270 / 500	Min.: 100 / 40 Max.: 1270 / 500
Lens Adjustment	Motorised	Motorised
Connectivity	12G-SDI: 1x in, 1x out, HDMI: 2x in, 1x out, HDBaseT, 2x DP, D-Sub 9 pin, Screen trigger, USB Type A	
Power [W AC] Standard / ECO / Power-Saving	1000 / 900 / 0.5	1000 / 900 / 0.5
Laser life	20000	20000
Dimensions (W x H x D) [mm]	500 x 211 x 577	500 x 211 x 577
Weight [kg]	28	28
Education Warranty Available	✓	✓
NaViSet	✓	✓
ProAssist	Limited geometric correction only	

## Digital Cinema Projectors

	NC603L	NC1202L	NC1402L	NC1503L
Order Code	60005938	60005042	60005041	60005937
DMD	DC Chip DLP Technology	DC Chip DLP Technology	DC Chip DLP Technology	DC Chip DLP Technology
Brightness (Lm)	6000	9500	9500	14000
Light Source	Laser Phosphor	Laser Phosphor	Laser Phosphor	RB Laser
DMD Specifications	2K, 0.69" DC2K	2K, 0.69" DC2K	2K, 0.69" DC2K	2K, 0.69" DC2K
Primary Lenses	1.2 to 1.72:1 zoom; 1.33 to 2.1:1 zoom; 1.62 to 2.7:1 zoom; 2.09 to 3.9:1 zoom; 4.07 to 6.34:1 zoom	1.2 to 1.72:1 zoom; 1.33 to 2.1:1 zoom; 1.62 to 2.7:1 zoom; 2.09 to 3.9:1 zoom; 4.07 to 6.34:1 zoom	1.2 to 1.72:1 zoom; 1.33 to 2.1:1 zoom; 1.62 to 2.7:1 zoom; 2.09 to 3.9:1 zoom; 4.07 to 6.34:1 zoom	1.2 to 1.72:1 zoom; 1.33 to 2.1:1 zoom; 1.62 to 2.7:1 zoom; 2.09 to 3.9:1 zoom; 4.07 to 6.34:1 zoom
Dimension (W x H x D) [mm]	680 x 333 x 860	700 x 288 x 812	700 x 288 x 812	700 x 288 x 812
Cooling Method	Circulating air cooling system	Liquid: Air and liquid cooling inside	Liquid: Air and liquid cooling inside	Liquid: Air and liquid cooling inside

	NC1803ML	NC2003ML	NC2403ML	NC1843ML
Order Code	40001312	40001313	40001314	40001394
DMD	DC Chip DLP Technology	DC Chip DLP Technology	DC Chip DLP Technology	DC Chip DLP Technology
Brightness (Lm)	18000	20000	24500	18000
Light Source	Laser Phosphor	RB Laser	RB Laser	Laser Phosphor
DMD Specifications	Chip: 0.98" DC2K	Chip: 0.98" DC2K	Chip: 0.98" DC2K	Chip: 0.98" TRP 4K DLP
Primary Lenses	1.2 to 1.81:1 zoom; 1.4 to 2.05:1 zoom; 1.59 to 2.53: 1 zoom; 1.9 to 3.25: 1 zoom; 2.4 to 3.9: 1 zoom; 3.9 to 6.52: 1 zoom	1.2 to 1.81:1 zoom; 1.4 to 2.05:1 zoom; 1.59 to 2.53: 1 zoom; 1.9 to 3.25: 1 zoom; 2.4 to 3.9: 1 zoom; 3.9 to 6.52: 1 zoom	1.2 to 1.81:1 zoom; 1.4 to 2.05:1 zoom; 1.59 to 2.53: 1 zoom; 1.9 to 3.25: 1 zoom; 2.4 to 3.9: 1 zoom; 3.9 to 6.52: 1 zoom	1.59 to 2.53:1 zoom; 2.4 to 3.9:1 zoom; 3.9 to 6.52:1 zoom; 1.9 to 3.25: 1 zoom; 1.4 to 2.05:1 zoom; 1.2 to 1.81:1 zoom
Dimension (W x H x D) [mm]	697 x 510 x 1337	697 x 510 x 1337	697 x 510 x 1337	697 x 509.5 x 1095
Cooling Method	Circulating air cooling system; Liquid Cooling inside	Circulating air cooling system; Liquid Cooling inside	Circulating air cooling system; Liquid Cooling inside	Circulating air cooling system; Liquid Cooling inside

	NC2043ML	NC2443ML	NC2041L	NC3541L
Order Code	40001393	40001392	60004090	60004089
DMD	DC Chip DLP Technology	DC Chip DLP Technology	DC Chip DLP Technology	DC Chip DLP Technology
Brightness (Lm)	20000	24000	20000	35000
Light Source	RB Laser	RB Laser	RB Laser	RB Laser
DMD Specifications	Chip: 0.98" TRP 4K DLP	Chip: 0.98" TRP 4K DLP	4K, 1.38" DC4K	4K, 1.38" DC4K
Primary Lenses	1.59 to 2.53:1 zoom; 2.4 to 3.9:1 zoom; 3.9 to 6.52:1 zoom; 1.9 to 3.25: 1 zoom; 1.4 to 2.05:1 zoom; 1.2 to 1.81:1 zoom	1.59 to 2.53:1 zoom; 2.4 to 3.9:1 zoom; 3.9 to 6.52:1 zoom; 1.9 to 3.25: 1 zoom; 1.4 to 2.05:1 zoom; 1.2 to 1.81:1 zoom	1.13 to 1.66:1 zoom; 1.3 to 1.85:1 zoom; 1.45 to 2.17:1 zoom; 1.63 to 2.71:1 zoom; 1.95 to 3.26:1 zoom; 2.71 to 3.89:1 zoom	1.13 to 1.66:1 zoom; 1.3 to 1.85:1 zoom; 1.45 to 2.17:1 zoom; 1.63 to 2.71:1 zoom; 1.95 to 3.26:1 zoom; 2.71 to 3.89:1 zoom
Dimension (W x H x D) [mm]	697 x 509.5 x 1095	697 x 510 x 1,095	697 x 455 x 1180	697 x 455 x 1180
Cooling Method	Circulating air cooling system; Liquid Cooling inside	Circulating air cooling system; Liquid Cooling inside	Liquid Cooling inside	Liquid Cooling inside, air cooling with dust-preventing electrostatic filter

- ✔ Perfect Compatibility
- ✘ not Compatible

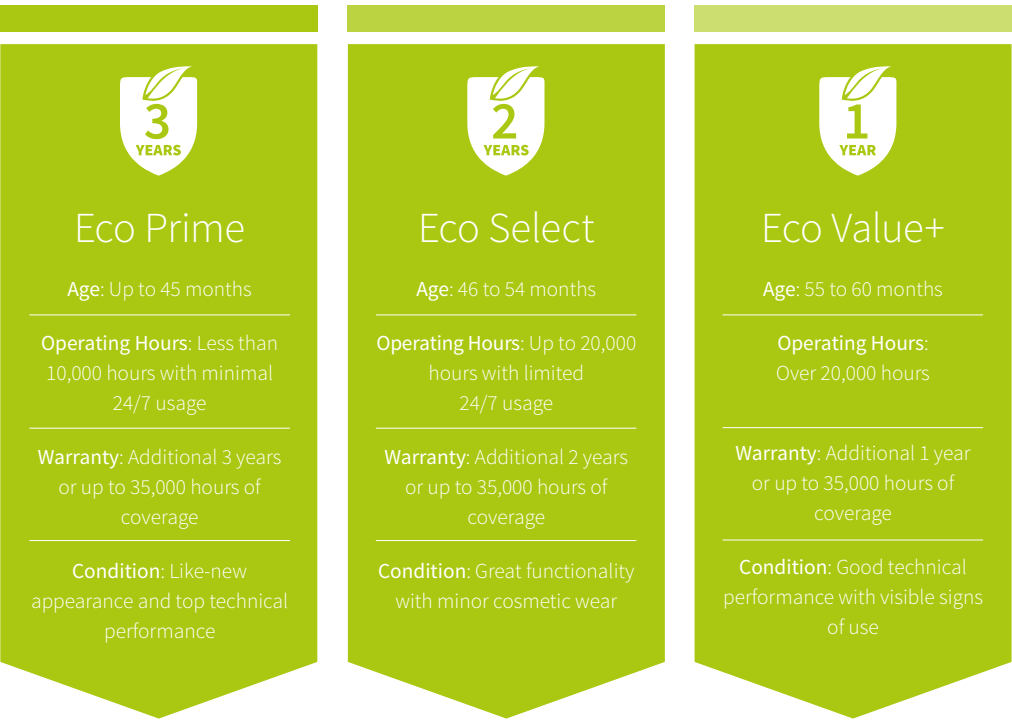
# Second Life Warranties.

Enabling businesses to adopt the latest technologies while respecting their ESG objectives, our Second Life Warranties help reduce Scope 3 emissions by extending product lifecycles. At the end of their warranted service life, eligible leased MultiSync® Large Format Displays are refurbished by the system integrator to receive a manufacturer-backed warranty extension giving displays a second life and reducing waste.



## The Leasing Lifecycle

The leasing company liaises with Sharp to gain a Second-Life Warranty, achieving manufacturer-backed value for a second sale.



- 1. Product Replacement:** Leasing company replaces and returns end-of-lease products for evaluation.
- 2. Inspection & Categorisation:** Assess product condition and functionality for next steps.
- 3. Review & Certification:** Restore, test, and certify products with a Second-Life Warranty (Eco Prime, Eco Select, or Eco Value+).
- 4. Marketing & Resale:** Promote and sell refurbished products with clear warranty terms (3 years, 2 years, or 1 year, or up to 35,000 hours usage).
- 5. Sustainability Reporting:** Track and report environmental benefits, including reduced e-waste.

# A commitment to quality.

Service Plus.



Committed to quality and reliability, Sharp's Service Solutions ensure your display technology performs at its best throughout its lifecycle. From pre-sales support to installation, management, and replacement, our Service Plus offering provides expert guidance and peace of mind. Our customers can focus on their business, confident that their infrastructure is backed by trusted, professional care.

## The Service Plus Offering.

- Flexible Warranty Extension Programs for all product categories
- 24/7 operation approved for selected Displays and Projectors
- On-Site De-/Re-install service
- Optional additional services for dedicated Sharp displays and projectors with Support+
- Display your brand and mark your property with our Laser Branding Service for dedicated Sharp Displays and Projectors
- Prism Refurbishment Program for Digital Cinema Projectors

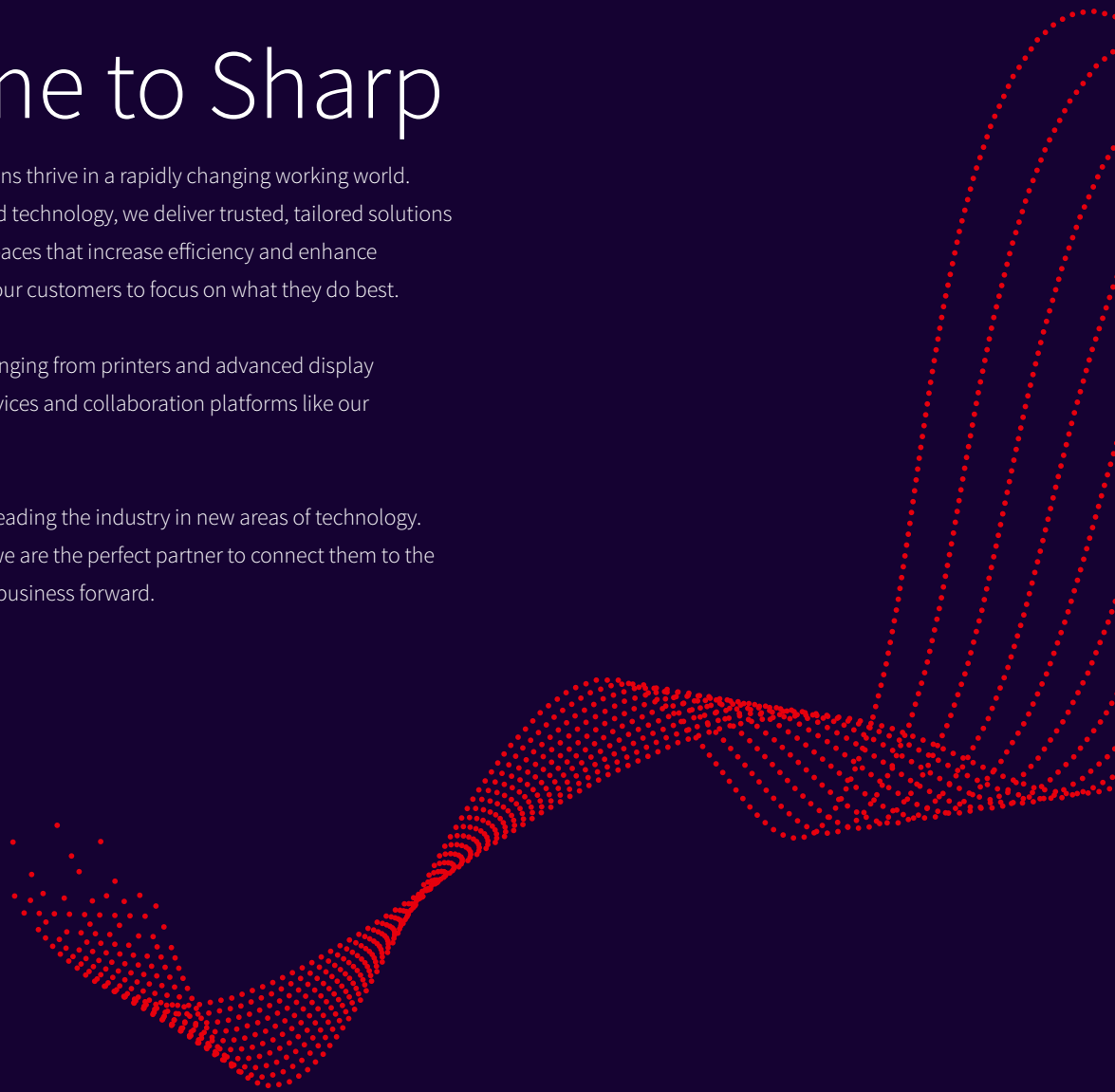


# Welcome to Sharp

Sharp Europe helps organisations thrive in a rapidly changing working world. Through connecting people and technology, we deliver trusted, tailored solutions for the workplace and public spaces that increase efficiency and enhance performance, while freeing up our customers to focus on what they do best.

Sharp Europe has a portfolio ranging from printers and advanced display technologies, through to IT Services and collaboration platforms like our Synappx Services.

Sharp Europe is investing and leading the industry in new areas of technology. As our customers' needs shift, we are the perfect partner to connect them to the technology that will drive their business forward.



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