

NEC Direct View LED E Series and FE-E Series



E Series

Large Image Presentation, Small Budget Preservation

Bringing all the advantages of fine-pitch LED to more cost-conscious applications in corporate meeting rooms and digital signage, the E series lacks nothing in high impact content delivery. The pre-bundled solution includes everything you need to implement large surface visualisation without hindrance from bezels, with superb brightness and high contrast which gets noticed even in areas of high ambient light.

Designed for quick and easy set-up, the product is light weight and super slim for unobtrusive integration either free-standing or wall mounted. Front serviceable, all components are easily accessed for maintenance.

As you would expect from a quality manufacturer, there is no compromise to reliability and safety in offering this cost-conscious solution. Supporting excellent thermal management, the aluminum chassis safeguards robust longevity.

Benefits

- **Ultra-slim design** – at less than 3 cm in width and flush rear profile, the ultra slim LED modules can be integrated very close to the wall with minimal gap necessary due to low heat emission.
- **Light in weight** – the lightweight aluminum cabinet is easy to handle during installation with minimum labor cost
- **Low-profile integration** – the ultra slim cabinet design supports precision alignment to create a large digital canvas which integrates unobtrusively into any environment.
- **Front serviceable modules** – with front access to the LED modules, maintenance is hassle-free.
- **Unhindered readability** – no reflections from windows or other light sources means no disruption to the visibility of signage or meeting room content.

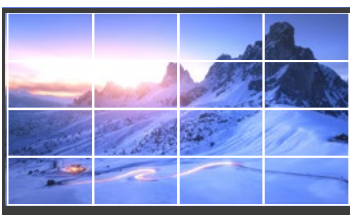


Thickness: 29mm

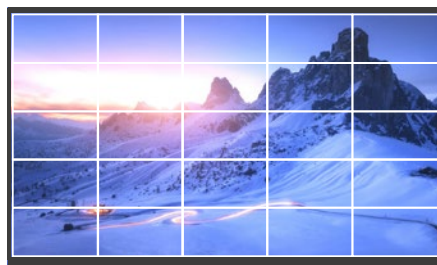


Weight: 4,7kg

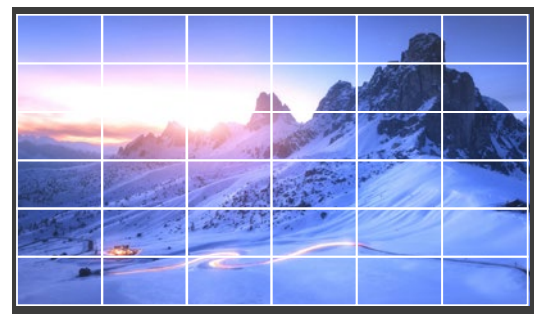
Bundle Solutions



4x4
1.2mm | 108" | FullHD



5x5
1.5mm | 135" | FullHD



6x6
1.8mm | 162" | FullHD



FE-E Series

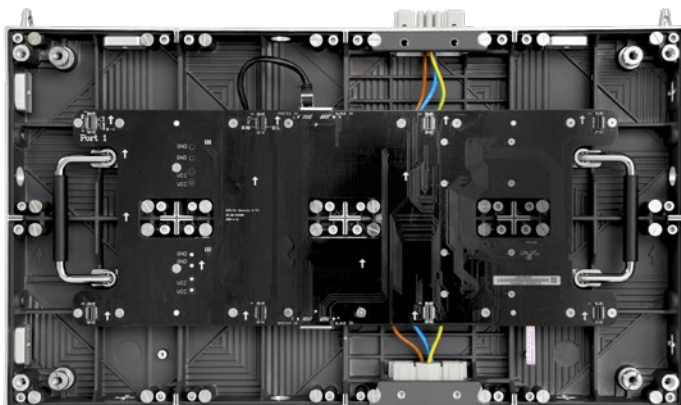
Smart Alignment, Unlimited Scalability

For bezel-free viewing experiences using vivid LED technology, the FE-E Series delivers essential visualization for scalable large digital surfaces. The FE-E Series delivers NEC renowned quality and reliability with industrial-grade power supplies for safe operation and minimised downtimes. The robust, smart engineered cabinets mean precision module alignment is easy during installation, with no limit to the surface size achievable.

Either free standing or for seamless integration into interiors, the slim design is sleek and chic. Benefit from excellent viewing angles, consistent vibrant colours, superb brightness and long-lasting performance for meeting rooms and signage applications.

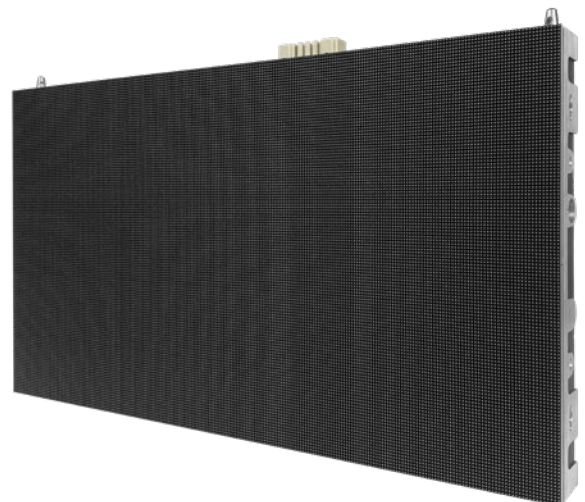
Fast and Flexible Installation

Choose unlimited scalability with a customised solution, or out-of-the-box ready with an everything-included bundle solution.



Benefits

- **Versatile and scalable** – 16:9 module aspect ratio allows versatile and customized use of the given space in a wide range of application scenarios.
- **Trouble-free installation** – for wall mounted or freestanding deployments, the mechanical cabinet design makes installation quick and easy.
- **Front serviceable modules** – with front access to the LED modules, maintenance is hassle-free.
- **Slim design** – with a flush rear profile, LED modules can be integrated very close to the wall with minimal gap necessary due to low heat emission.
- **Enhanced thermal management** – the aluminum cabinet and reinforced pixel cards support natural heat dissipation and robust construction



Specifications

E Series Bundles | Indoor FinePitch LED Bundles

	E012i-108	E015i-135	E018i-162
Order Code	81000231	81000232	81000233
Resolution	1920 x 1080	1920 x 1080	1920 x 1080
Module Configuration	4x4	5x5	6x6
Pixel Configuration	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)
LED Type	SMD (1010)	SMD (1212)	SMD (1415)
Pixel Pitch [mm]	1,25	1,563	1,875
Brightness (max.) [cd/m²]	600	600	800
Lifetime	100000	100000	100000
Contrast Ratio (typ.)	5000:1	4000:1	5000:1
Viewing Angle [°]	170 horizontal /160 vertical	140 horizontal /140 vertical	140 horizontal /140 vertical
Colour Processing	16 bit	16 bit	16 bit
LED Driving Method	1/45 dynamic scan	1/54 dynamic scan	1/60 dynamic scan
Refresh Rate [Hz]	3840	3840	3840
Colour Temperature [K]	3000-9500	3000-9500	3000-9500
Power Typical [W]	944	1000	1944
Dimensions (W x H x D) [mm]	2412 x 1456 x 50	3012 x 1793,5 x 50	3612 x 2131 x 50
Weight [kg]	91,2	136,5	196,2
Connectivity via Controller	3G SDI; DVI-D; HDMI; GenLock; LAN		
Serviceability	Front	Front	Front
IP Level (Front/Rear)	IP20	IP20	IP20
Certifications	CE, ETL, FCC Class A, RoHS	CE, ETL, FCC Class A, RoHS	CE, ETL, FCC Class A, RoHS
Shipping Content	1x LED Controller, 4x4x LED Modules, 1x Overframe Kit, 1x Power Bar, 1x Wall Mount, 1x Spare Parts Kit	1x LED Controller, 5x5x LED Modules, 1x Overframe Kit, 1x Power Bar, 1x Wall Mount, 1x Spare Parts Kit	1x LED Controller, 6x6x LED Modules, 1x Overframe Kit, 1x Power Bar, 1x Wall Mount, 1x Spare Parts Kit
Warranty	2 years (options to extend)		

FE-E Series | Indoor FinePitch LED Modules

	FE012i2-E	FE015i2-E	FE019i2-E
Order Code	81000224	81000225	81000226
LED Type	SMD (1010)	SMD (1010)	SMD (1010)
Number of Pixel per module [dot]	129600	82944	57600
Number of Pixel per card [dot]	16200	10368	7200
Pixel Pitch [mm]	1.267	1.583	1.9
Brightness (max.) [cd/m²]	600	600	600
Lifetime	100000	100000	100000
Contrast Ratio (typ.)	4000:1	4000:1	4000:1
Viewing Angle [°]	160 horizontal /160 vertical	160 horizontal /160 vertical	160 horizontal /160 vertical
Colour Processing	16 bit	16 bit	16 bit
LED Driving Method	1/27 dynamic scan	1/27 dynamic scan	1/27 dynamic scan
Refresh Rate [Hz]	3840	3840	3840
Colour Temperature [K]	3000-9500	3000-9500	3000-9500
Power Typical [W] m²	315	275	275
Power Maximum [W] m²	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
Weight [kg] Module	8,8	8,8	8,8
Serviceability	Front	Front	Front
IP Level (Front/Rear)	IP20	IP20	IP20
Certifications	CE, ETL, FCC Class A, RoHS	CE, ETL, FCC Class A, RoHS	CE, ETL, FCC Class A, RoHS
Warranty	2 years (options to extend)		

E and FE-E Series are ideal for:



Meeting



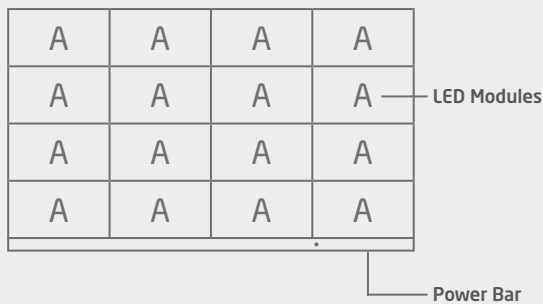
Retail



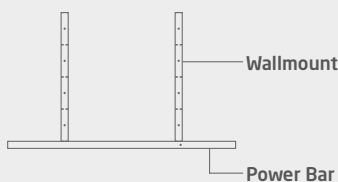
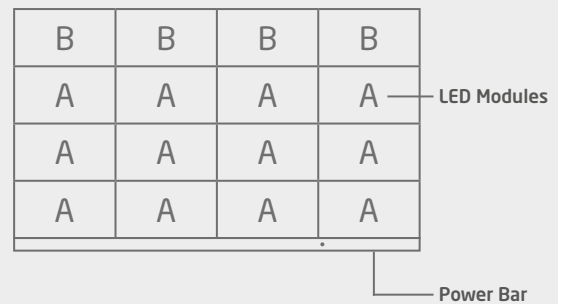
High Education

Bundle Configuration

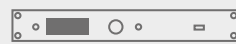
E Series



FE-E series



Included Components



LED controller



Spare Parts



Pixel Card Removal Tool

This document is © Copyright 2021 Sharp NEC Display Solutions Europe GmbH. All rights are reserved in favour of their respective owners. The document, or parts thereof, should not be copied, adapted, redistributed, or otherwise used without the prior written permission of Sharp NEC Display Solutions Europe GmbH. This document is provided "as is" without warranty of any kind whatsoever, either express or implied. Errors and omissions are excepted.

Sharp NEC Display Solutions Europe GmbH may make changes, revisions or improvements in, or discontinue the supply of any product described or referenced in this document at any time without notice.

Sharp NEC Display Solutions Europe GmbH

Landshuter Allee 12-14
80637 Munich, Germany
Phone: +49 (0) 89 99 699-0
Fax: +49 (0) 89 99 699-500

www.sharpeddisplays.eu

Document Name: NEC LED E Series and FE -E Series
Document Revision: Edition 1, 2021
Document Date: 12/21
Created by: FG

SHARP / NEC