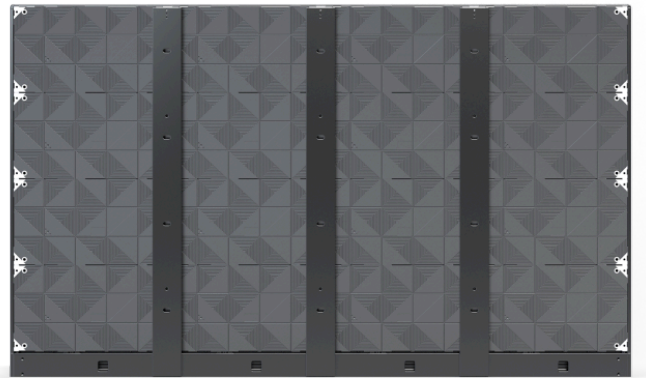


Indoor LED 1.2 mm 110" FullHD Bundle

# NEC LED-FE012i3-110



## Essential bundles of brilliance

For bezel-free viewing experiences using vivid LED technology, NEC's FE Series delivers essential visualization for scalable large digital surfaces. Even for cost-conscious deployments for presentation and signage, NEC's FE Series provides long lasting NEC quality with industrial-grade power supplies in easy to install, off the shelf bundle solutions for safe operation with minimised downtimes.

Native FHD and UHD resolutions are achieved through configuration of multiple 16:9 cabinets which are bundled with a power bar, framing, mounting and controller.

Either free standing or for seamless integration into interiors, the slim design is sleek and chic as befits the latest innovation in digital content delivery. Benefit from excellent viewing angles, consistent vibrant colours, superb brightness and long lasting performance for meeting rooms and signage applications.

## Benefits

**Significantly lowering your energy usage** – the highly efficient Flipchip SMD technology consumes up to 60% less power compared to standard SMD technology at the same brightness output.

**Care-free installation** – with bundled solutions that deliver all you need to get your LED video wall up and running.

**Large scale for perfectly detailed imagery** – completely bezel-less design with high contrast rates deliver an unhindered viewing experience.

**Slim design** – with a flush rear profile, LED modules can be integrated very close to the wall with minimal gap necessary due to very low heat emission.

**Front serviceable modules** – with front access to the LED modules, maintenance is easy.

# Specifications

## Product Information

### Product Name

NEC LED-FE012i3-110

### Product Group

Indoor LED 1.2 mm 110" FullHD Bundle

### Order Code

L50FE012i3-110

## Display

### Pixel Configuration

3-in-1 SMD (Black)

### LED type

FlipChip SMD (1010)

### Screen Size [inch/cm]

110 / 279

### Aspect Ratio

16:9

### Pixel Pitch [mm]

1.2

### Brightness (max.) [cd/m<sup>2</sup>]

700

### Lifetime

100000 hrs (50% brightness)

### Contrast Ratio (typ.)

8000:1

### Viewing Angle [°]

170 horizontal / 160 vertical

### Dimming Capability

256 levels

### Colour Processing

16 bit

### Colours [Trill.]

281

### LED Driving Method

1/45 dynamic scan

### Frame Rate [Hz]

50/60

### Refresh Rate [Hz]

≤ 3840

### Colour Temperature [K]

3000 - 9500

## Screen Resolution

### Resolution

1920 x 1080

### Resolution per m<sup>2</sup>

623269

### Number of Pixel per module [dot]

480 x 270

### Number of Pixel per card [dot]

120 x 135

## Connectivity

### Input Video Digital

1 x 3G SDI; 1 x DVI-D; 1 x HDMI

### Input Control

1 x GenLock; 1 x LAN

## Electrical

### Total Power Consumption [W]

352 typ. / 608 max.

### Power Consumption typ. [W]

98 per m<sup>2</sup> (normal use)

### Power Consumption max. [W]

169 per m<sup>2</sup>

### Power Consumption typ. [BTU]

361 per m<sup>2</sup> (normal use)

### Power Consumption max. [BTU]

624 per m<sup>2</sup>

## Environmental Conditions

### Operating Temperature [°C]

-20 to 40

### Operating Humidity [%]

10 to 80

## Mechanical

### Dimensions (W x H x D) [mm] per module

608 x 342 x 49

### Dimensions (W x H x D) [mm]

2,444 x 1,475.5 x 73.5

### Weight [kg]

182

## Additional Features

### Shipping Content

1x LED Controller; LED Modules (16 Cabinets, 128 Pixel Cards); Overframe Kit (4x4); Pixel Card Removal Tool; Powerbar (depending on version); Spare Parts Kit; Wall mount (4x4)

### Special Characteristics

Cableless Connector for Data and Power; Flush Surface SMD Design; Single Data Receiving Cards; Single Power Supplies

### Manufacturer

NEC

### Serviceability

Front Service

### IP Level

IP20

### Certifications

CE; EMC Class B; ETL; FCC; RCM; RoHS; UKCA; VCCI

### Warranty

3 years

### Material

Aluminum Cabinet

\* 110 inch



CE



VCCI



RCM



FCC



RoHS

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