

Indoor LED 0.95 mm 165" UHD Bundle

# NEC LED-FE009i2-165



## Enhanced detail and realism

Adding a super-fine pixel pitch option to the FE Series, NEC's LED FE009i2 modules and bundles offer excellent visual performance and high information density. Configure an ultra-high-resolution canvas at a screen size of just 165", ideal for meeting rooms and signage applications, even where viewing distances are short.

By using an innovative 4-in-1 IMD diode design, reality-like image presentation at high resolution and detail can be achieved without interruption from bezels or gaps, delivering excellent viewing angles, consistent vibrant colours and superb brightness.

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 and minimal downtimes.

## Benefits

**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.

**Visual excellence** – high contrast and high brightness is inherent in LED delivery, benefit from NEC's long lasting quality.

# Specifications

## Product Information

### Product Name

NEC LED-FE009i2-165

### Product Group

Indoor LED 0.95 mm 165" UHD Bundle

### Order Code

81000112

## Display

### Pixel Configuration

4-in-1 IMD (Black)

### LED type

IMD (1616)

### Screen Size [inch/cm]

165 / 419

### Aspect Ratio

16:9

### Pixel Pitch [mm]

0.95

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

600

### Lifetime

100000 hrs (50% brightness)

### Contrast Ratio (typ.)

5000:1

### Viewing Angle [°]

140 horizontal / 140 vertical

### Dimming Capability

256 levels

### Colour Processing

16 bit

### Colours [Trill.]

281

### LED Driving Method

1/46 dynamic scan

### Frame Rate [Hz]

50/60

### Refresh Rate [Hz]

≤ 3840

### Colour Temperature [K]

3000 - 9500

## Screen Resolution

### Resolution

3840 x 2160

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

1108033

### Number of Pixel per module [dot]

640 x 360

### Number of Pixel per card [dot]

160 x 180

## 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]

2880 typ. / 5400 max.

### Power Consumption typ. [W]

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

### Power Consumption max. [W]

720 per m<sup>2</sup>

### Power Consumption typ. [BTU]

1292 per m<sup>2</sup> (normal use)

### Power Consumption max. [BTU]

2448 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]

3,688 x 2,173.5 x 82

### Weight [kg]

390.8

## Additional Features

### Shipping Content

2x LED Controller; LED Modules (36 Cabinets, 288 Pixel Cards); Overframe Kit (6x6); Pixel Card Removal Tool; Powerbar (depending on version); Spare Parts Kit; Wall mount (6x6)

### Special Characteristics

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

### Manufacturer

NEC

### Serviceability

Front Service

### IP Level

IP20

### Certifications

CE; ETL; FCC Class A; RoHS

### Warranty

3 years

### Material

Aluminum Cabinet

\* 165 inch



CE



FCC Class A



RoHS

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