

## DISPLAY

Panel Technology  
S-IPS with Direct LED backlights

Active Screen Area (W x H) [mm]  
1,209.63 x 680.34

Screen Size [inch/cm]  
55 / 138.8

Aspect Ratio  
16:9

Pixel Pitch [mm]  
0.630

Brightness [cd/m<sup>2</sup>]  
500

Contrast Ratio (default)  
> 1700:1

Viewing Angle [°]  
178 horizontal / 178 vertical (typ. at contrast ratio 10:1)

Colour Gamut  
72% of CIE 1976

Response Time (typ.) [ms]  
8

Panel Refresh Rate [Hz]  
60

Haze Level [%]  
Pro (28)

Supported Orientation  
Landscape; Portrait

## SYNCHRONISATION RATE

Horizontal Frequency [kHz]  
26 - 134

Vertical Frequency [Hz]  
23 - 86

## RESOLUTION

### Native Resolution

1920 x 1080

### Supported on DisplayPort and HDMI

3840 x 2160;	1360 x 768;	1080i;	800 x 600;
1920 x 1080;	1280 x 1024;	1080p;	720p (50/60 Hz);
1600 x 1200;	1280 x 768;	1024 x 768;	640 x 480

### Supported on HDMI only

1080i (50/60 Hz)

## CONNECTIVITY

### Input Video Analogue

1 x VGA; Composite (RCA)

### Input Video Digital

1 x DVI-D (with HDCP); 1 x OPS Slot; 2 x DisplayPort (with HDCP); 2 x HDMI (with HDCP)

### Input Audio Analogue

2 x 3,5 mm jack

### Input Audio Digital

2 x DisplayPort; 2 x HDMI

### Input Control

1 x Remote Control (3.5 mm jack); 1 x RS232; 2 x LAN 100Mbit

### Input Data

1 x microSD (MediaPlayer); 1 x USB 1.0 (Downstream); 1 x USB 1.0 (MediaPlayer); 1 x USB 2.0 (Upstream); 2 x USB 1.0 (Compute Module, 1 x 5V/2A powered)

### Output Video Digital

1 x DisplayPort (loop through: DisplayPort, OPS slot-in PC); 1 x HDMI (loop through: HDMI, OPS slot-in PC, Mediaplayer)

### Output Audio Analogue

1 x 3,5 mm jack

### Output Control

LAN 100Mbit

## CALIBRATION

## Factory Calibration

Gamma; Intensity; RGB; Uniformity; White Point

## Sensor Calibration (through USB)

PC-less Calibration with USB Sensor MDSVSensor3; White Copy (post self-calibration)

## Calibration with Software

Corner Uniformity; Gamma; Intensity; RGB; Update Factory Calibration; Update Uniformity Correction; White Point

## Calibration Software

NEC Display Wall Calibrator

## OPEN MODULAR INTELLIGENCE

### OPS Slot

Slot Technology: Open pluggable specification (NEC / Intel OPS standard)

### OPS Max. Current / Power Consumption [A / W]

3.6 / 58

### Compute Module Slot

Slot Technology: Compute Module Slot (NEC proprietary standard)

## SENSORS

### Human Sensor

Optional, external, 4-5m range, triggered actions programmable

### Temperature Sensor

Integrated, 3 sensors, triggered actions programmable

### NFC Sensor

Integrated, 2cm range, free NEC Android App required

## ELECTRICAL

### Power Consumption Eco/max. [W]

160 shipping; 420 (max.)

### Power Savings Mode [W]

< 0.5; < 2 (Networked Standby)

## ENVIRONMENTAL CONDITIONS

### Operating Temperature [°C]

+0 to +40

Operating Humidity [%]

20 to 80

Storage Humidity [%]

10 to 90

Storage Temperature [°C]

-20 to 60

## MECHANICAL

Dimensions (W x H x D) [mm]

Without stand: 1,210.5 x 681.2 x 98.6

Weight [kg]

Without stand: 25.8

Bezel Width [mm]

0.44 bottom/right; 0.44 top/left; 0.88

VESA Mounting [mm]

4 holes; 400 x 400 (FDMI); M6

## MEDIAPLAYER

Supported Image Formats

JPG (baseline, progressive, RGB, CMYK); max. resolution 5000 x 5000; PNG (interlace, alpha channel); max. resolution 4000 x 4000

Supported Video Formats

MP4 / MOV / FLV (video H.264, audio MP3, AAC); max. resolution 1080p at 30 Hz, 1080i at 60 Hz; MPG (video mpeg1/2, audio mpeg audio layer2/3, AAC-LC); MP @ ML, MP @ HL; WMV (video H.264, wmv advanced L3, wmv simple / main, audio mp3 wmv std); max. resolution 1080p at 30 Hz, 1080i at 60 Hz

Supported Audio Formats

MP3 (MP3); max. bit-rate 320 kBit/s; WAV (LPCM); max. 48 kHz sampling

## AVAILABLE OPTIONS

Accessories

Calibration kit (KT-LFD-CC2); Feet (ST-5220); Remote control kit (KT-RC3); Speaker (SP-TF1); Wall mount (PD04VWM MFS 46-55 L/P; PD04VW QR 46-55 L/P; CK02XUN MFS 55 L/P)

Compute Module Slot

Raspberry Pi Compute Module 1 and 3

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## OPS Slot

Intel® Atom, Celeron and Core i3, i5, i7 Slot-in PCs

## GREEN FEATURES

### Energy Efficiency

Annual energy consumption: 328 kWh (based on 4 operating hours per day); Carbon savings meter; Energy efficiency class: D; Human Sensor; LED backlight

## ADDITIONAL FEATURES

### Special Characteristics

Auto ID assignment; Auto tiling function; Automatic Alarm E-Mails; DICOM Simulation; Frame Comp; HTTP Server; Image flip; Intelligent Wireless Data (based on NFC); NaViSet Administrator 2; PJLink Support; TileMatrix; USB Media Player; User input priority definition; User readable log function

### Colour Versions

Black Front Bezel, Black Back Cabinet

### Safety and Ergonomics

BSMI; CE; EAC; EMC Class B; FCC; PSB; RCM; REACH; RoHS; SASO; TÜV GS; TÜV S; UL/C-UL; VCCI

### Pixel Failure Class

ISO 9241-307, Class 2

### Audio

Optional Speakers (15 W + 15 W)

### Plug and Play

VESA DDC/CI

### Shipping Content

Display; DisplayPort Cable; HDMI Cable; LAN cable (RJ45); Power Cable

### Warranty

3 years warranty incl. backlight; additional services available; optional 4. + 5. year warranty extension

### Operating Hours

24/7