DISPLAY

Panel Technology
IPS with Edge LED backlights

Screen Size [inch/cm]
49 / 124.5

Aspect Ratio
16:9

Brightness [cd/m²]
700

Contrast Ratio
≥ 8000:1 [1]

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

Colour Depth [bn]
1.073 (10bit)

Colour Gamut
86% of DCI

Response Time (typ.) [ms]
8

Panel Refresh Rate [Hz]
60

Haze Level [%]
Pro (28)

Supported Orientation
Face Down; Face Up [2]; Landscape; Portrait

SYNCHRONISATION RATE

Horizontal Frequency [kHz]
15 - 135

Vertical Frequency [Hz]
23 - 76

RESOLUTION

Native Resolution
3840 x 2160

Supported Resolutions

1024 x 768; 1280 x 1024; 1360 x 768; 1366 x 768; 1400 x 1050; 1440 x 900; 1600 x 1200; 1920 x 1080; 1920 x 2160; 2560 x 1440; 2560 x 1600; 3840 x 2160; 4096 x 2160; 7680 x 4320

CONNECTIVITY

Input Video Digital

2 x DisplayPort (with HDCP); 2 x HDMI (with HDCP)

Input Audio Digital

1 x DisplayPort; 2 x HDMI

Input Control

LAN 100Mbit; remote control wire (3,5mm jack); RS232

Input Data

1 x USB 2.0 (Downstream); 1 x USB 2.0 (Powered 5V/2A, Firmware Updates); 1 x USB 2.0 Type-B (Downstream)

Output Video Digital

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

Output Audio Analogue

1 x 3,5 mm jack

Output Control

1 x LAN 100Mbit

Input Detect

Custom; First; Last

PiP/PbP

Dual-Split; Quad-Split; scalable picture size

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; White Point

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Calibration Software

NEC Display Wall Calibrator

OPEN MODULAR INTELLIGENCE

Intel® SDM
accepts Intel® Smart Display Modules Large and Small up to 66 W

Compute Module Slot
RPi Compute Module 4

SENSORS

Ambient Light Sensor
Integrated, triggered actions programmable

Temperature Sensor
Integrated, 3 sensors, triggered actions programmable

ELECTRICAL

Power Consumption Eco/max. [W]
105 shipping

Power Savings Mode [W]
< 0.5; < 2 (Networked Standby)

Power Management
VESA DPMS

Power Supply
100-240 V AC; 50/60 Hz; internal

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]
1,103.4 x 636.2 x 61.1

Weight [kg]

Bezel Width [mm]

12 (top); 12.5 (left and right); 15.6 (bottom)

VESA Mounting [mm]

300 x 300 (FDMI); 4 holes; M6

Ingress Protection

IP5x (front); IP2x (back)

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

1,298 x 860 x 224

Packaging Weight [kg]

29.8

Colour Bezel

Pantone 426M (black)

Material

Metal

AVAILABLE OPTIONS

Accessories

Feet (ST-43M); Presence Sensor (KT-RC3); Soundbar (passive: SP-PSCM-IQ); Speaker (SP-RM3); Trolley (PD04-Tipster Trolley); Wall mount (PDW S 32-65 L, PDW S 32-65 P)

GREEN FEATURES

Energy Efficiency

Energy consumption: 106 kWh/1000 h; Energy efficiency class: G; LED backlight

Ecological Standards

EnergyStar 8.0

ADDITIONAL FEATURES

Special Characteristics

DICOM Simulation; HDMI ARC; Powered USB Port (10 W); Removable Logo

Safety and Ergonomics

BSMI; CE; EAC; EMC Class B; Energy Star 8; FCC Class B; KC/KCC; PSB; RCM; RoHS; VCCI

Pixel Failure Class

ISO 9241-307, Class 1

Shipping Content

2x AAA batteries; Display; HDMI Cable; Power Cable; Remote Control; Setup Manual

Warranty

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

Operating Hours

24/7

External Control

AMX NetLinx Support; ASCII Control Commands; Crestron Connected; HDMI CEC; HTTP Browser; PJLink; Scheduled Timer; SNMP

Remote Management

Automated Email Alerts; NEC NaViSet Administrator 2

Security

Disable HW Buttons; Disable IR Functionality; Emergency Notification

Resistance to Fire

Metal backcover, plastic material certified acc. to UL94-5VB