

Model	PN55D-4H
Display	
Screen Size	55"
Panel Technology	IPS
Backlight Type	Slim DLED
Brightness (typical)	500 cd/m ²
Native Resolution	3840 x 2160 (16:9) - UHD
Contrast Ratio (typical)	1200:1 (typ.)
Dynamic Contrast Ratio	50000:1
Panel Life Time (Min.)	50000 Hrs
Response Time (typical)	8 ms
Active Area (H x V)	1209.6 (H) × 680.4 (V) mm
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	1.07G (8bits + FRC)
Color Gamut	72% NTSC
Haze Level	1%
Refresh Rate	60 Hz
Orientation	Landscape / Portrait
Operation Hours	24/7
Area of Usage	Indoor
Built-in System	
Mainboard Model	17MB400VS
Operating System	Custom OS (built on Android AOSP)
Memory	2 GB DDR4
Storage	16 GB eMMC
Additional Storage	Micro SD (up to 1TB)
CPU	Quad-Core ARM Cortex-A55
GPU	ARM Mali-G31 MP2
Wired	10/100 Mbps Ethernet, IEEE 802.1X Authentication
WiFi	WiFi 5 (802.11 a/b/g/n/ac), IEEE 802.1X Authentication
Bluetooth	BT 5.1
HTML5 Browser	Vewd
Wireless Display	Miracast
Rear I/Os	
Video Input	4xHDMI2.0, 1xUSB-A 3.0, 1xUSB-A 2.0
Video Output	1xHDMI2.0
Audio Output	Headphone, Optic SPDIF
External Control	RS232 (3.5mm jack green), Fast Ethernet (RJ45), Service (RJ12)
External Sensor	RJ12
Mechanical	

Product Dimensions (WxDxH)	1236 x 63 x 709 mm
Package Dimensions (WxDxH)	1369 x 165 x 874 mm
Product Weight	18.5 kg
Package Weight	24.1 kg
Vesa Mounting	400 (W) x 400 (H) mm M6
Bezel Width	B: 11 mm, T/L/R: 9 mm

Environmental Conditions

Operating Temperature	0-40°C
Operating Humidity	10-90%

Power

Power Supply	110 VAC - 240 VAC - 50/60 Hz
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Power Consumption

Typical	138 W
Maximum	180 W
Deep Standby	≤0.5 W

Features

Main Features	HTML5 CMS Launcher, Android CMS Launcher, Open Content Management System, Real Time Clock, SNMP
Mechanical Features	Joystick, Rocker Switch, Detachable Power Cable, Detachable Logo, Internal U
Speaker	2x10 W

Accessory

Standard	QSG, IB, Power cord, Remote control unit, RC battery, Mounting kit, IR exten
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Certification

Safety	Yes
EMC	Yes
CE	Yes