

PN43D-IN



Key Features



Display Control

Digital Signage Display SoC enables the users to control our displays using RS232 commands in a Local Area Network. Together with the full RS232 command list you can change/set volume, turn on/off the monitor, set a schedule for content display, set a webpage link to be displayed and give a wide range of commands in real-time.



Usb Security

This series lets your USB and your content to be secured within the back cover of the display. The cover is protected with a screw not allowing any outside intervention.



Usb Auto-Play

You will be able to show photo and video content automatically with USB Auto-play feature. SoC software gives you a choice to turn on USB auto-play function making it easy for end-users to show any media on the screen and not worry about anything else.



Subtle Design

This series' displays exhibit ultra narrow bezel design eliminating the visual superfluties, directing audience focus on your advertised content. This series is desirable for its thinnest depth among our digital signage displays.



SoC

HTML-5 based applications can be developed to work directly within the SoC platform of our displays. The displays are capable of working in either online or offline mode.



Signal Failover

Our SoC Software has a protection for "No Signal" scenario. If the USB is unplugged after your content is set to be displayed with USB, the display will either show your customized banner or search for any other signal from other sources (HDMI, Display Port, etc.). This failover protection is constructed for higher user experience.

Panel

Screen Size	43"	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)	941.1 (H) x 529.4 (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

Monitor Connectivity

Video Input	4xHDMI2.0, 1xUSB-A 3.0, 1xUSB-A 2.0, 1xUSB-A 2.0 (Internal), 1x Micro USB	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)	963 x 63 x 555 mm	Package Dimensions (WxDxH)	1050 x 178 x 718 mm
Product Weight	10.4 kg	Package Weight	13.5 kg
Vesa Mounting	200 (W) x 200 (H) mm M6	Bezel Width	B: 9 mm, T/L/R: 6 mm

Environmental Conditions

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

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

Typical	127 W	Maximum	160 W
Deep Standby	≤0.5 W		

Features

Main Features	HTML5 CMS Launcher, Android CMS Launcher, Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock, OSD and UI Rotation, Video Rotation, NoSignalPowerOff, Pixel shift, Scheduler, Videowall support, Remote control via LAN, Real Time Clock, Crestron Connected, SNMP	Mechanical Features	Joystick, Rocker Switch, Detachable Power Cable, Detachable Logo, Internal USB Cover
Speaker	2x8 W		

Accessory

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

Safety	Yes	EMC	Yes
CE	Yes		