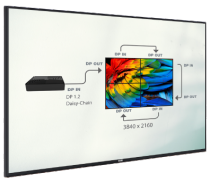
# Digital Signage Displays

# PN43D-4H

## Key Features



### Daisy Chain

The display can mirror the content (to another display) into its display port out coming from its display port in. This set up creates a daisy chain like structure allowing for monitors to be set up as Video Wall mode.

### 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

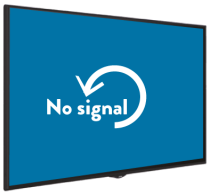
You will be able to show photo and video content automatically with USB Auto-play feature. SoC software gives you a choice to turn on USB auto-play function making it easy for end-users to show any media on the screen and not worry about anything else.

### Subtle Design

This series' displays exhibit ultra narrow bezel design eliminating the visual superfluities, directing audience focus on your advertised content. This series is found to be desirable for digital signage specific design: internal usb cover, OPS-slot, detachable power plug, carrying handles and IR extender.

### SoC Content Management

With quad core SoC (System on Chip), this Series displays are the digital signage monitors for both offline designed content and cloud-based managed content. This helps your digital content to be displayed in the displays by content management systems.




### Signal Failover

Our displays have a protection for "No Signal". If the source is disconnected, the display will either show your customized banner or search for any other signal from video sources. Since blank screen is the worst case scenario for advertisement, failover is one of the critical feature in our signage displays.

## Panel

| | | | |
|---|---|---|---|
| Screen Size | 43" | Panel Technology | IPS |
| Backlight Type | Slim DLED | Brightness (typical) | 500 cd/m² |
| 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) × 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 | Android 9 |
| 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% |

## Power

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

## 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 |

## Certification

| | | | |
|---|---|---|---|
| Safety | Yes | EMC | Yes |
| CE | Yes | | |