



Key Features



Display Control over RS232 and LAN

Our platform allows users to control their displays, using a large range of commands through either a Local Area Network or direct RS232 Serial connection.

HDMI 2.0



Daisy Chain(v2)

The display can transfer content from its HDMI in port to its HDMI out port, creating a daisy chain structure that allows monitors to be tiled together.



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.



Scheduler(v2)

Transform your display management with Scheduler, an essential feature of SoC. Effortlessly set opening and closing times, and switch between video sources and applications—ensuring your displays are always perfectly managed without any hassle.



Pixel Shifting

The Pixel Shifting feature can be activated in order to reduce the potential risk of image sticking when static content is displayed over long periods of time. The feature periodically shifts the image on the display, without causing any interference of the visual experience.



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.

Panel

Screen Size	50"	Panel Technology	VA
Backlight Type	Slim DLED	Brightness (typical)	500 cd/m²
Native Resolution	3840 x 2160 (16:9) - UHD	Contrast Ratio (typical)	5000:1 (typ.)
Dynamic Contrast Ratio	50000:1	Panel Life Time (Min.)	50000 Hrs
Response Time (typical)	9.5 ms	Active Area (H x V)	1095.8 (H) x 616.4 (V) mm
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	Color Value	1.07B
Color Gamut	72% NTSC	Haze Level	3%
Refresh Rate	60 Hz	Orientation	Landscape
Operation Hours	16/7	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	10/100/1000 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	2xHDMI2.0, 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)	1121 x 63 x 646 mm	Package Dimensions (WxDxH)	1215 x 165 x 775 mm
Product Weight	12.8 kg	Package Weight	16.8 kg
Vesa Mounting	200 (W) x 200 (H) mm M6	Bezel Width	B: 13 mm, T/L/R: 9 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	121 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, NoSignalPowerOff, Pixel shift, Scheduler, Videowall support, Remote control via LAN, Real Time Clock, SNMP		
	Mechanical Features		Joystick, Rocker Switch, Detachable Power Cable, Detachable Logo
Speaker	2x10 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		