

SA-112-N

Digital Signage Player

Wide-Temperature Signage Player

with NXP ARM[®] Cortex-A9 i.MX 6Dual/6Quad Processor



Features

- NXP i.MX 6Dual/6Quad processor
- With eMMC NAND Flash 8GB on board
- Onboard DDR3L, 1GB 533MHz, (1066MT/s)
- 1x VGA + 1x HDMI (w/o HDCP)
- 1x GbE RJ45 LAN, 1x COM (RS-232), 1x Mini-USB (OTG), 2x USB, 1x SD card slot
- Supports Wi-Fi 802.11 b/g/n
- 1x SIM card slot and 1x Mini PCI-E slot for 4G
- Supports 5V DC-in power input and wide-range operating temperature (-40°C ~ 75°C)
- Ruggedized, fanless and compact design

Specifications

System Mainboard	MBD112
Processor	NXP IMX6Q Automotive CPU / IMX6DL processor
Chipset	Integrated
System Memory	1GB DDR3L, 533MHz (1066MT/s)
Graphics	i.MX53 + VP6 / WebM VP8, H.264 MVC
LAN	1x RJ45 (1000M)/AR8031-AL1B
Expansion slots	1x Mini PCI-E (full-size) for Wi-Fi, Bluetooth, 4G, or TV tuner options
I/O	1x HDMI 1x VGA 2x USB 2.0 1x Mini USB (OTG) (USB device; supports host) 1x Power on/off button 1x COM RS-232 1x 3.5mm jack for Line out 1x RJ45 LAN 1x DC power jack
Auto Control and Monitoring	Watchdog Timer:256 segments,0, 1, 2...255(sec/min)
Power Requirement	+5V DC-in
Construction	Aluminum + SGCC
Weight	0.5kgs (1.1lbs)
Chassis Color	Black & white
Storage	1x eMMC (default 8GB) 1x SD/SDHC card slot (up to 32GB)
Power Supply	optional 25W power adaptor
Mounting	Standard system bracket
Dimensions	117mm x 104.5mm x 35.1mm (4.61" x 4.11" x 1.38")
Operating Temperature	-40°C ~ 75°C (-40°F ~ 167°F) (w/o adaptor)
Storage Temperature	-50°C ~ 85°C (-58°F ~ 185°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
OS Support	SA-112-NDL- Android 4.4.2: HDMI output SA-112-NQC- Android 4.4.2: VGA+HDMI Other OS (by request)
Vibration	eMMC: 5 grms / 5~500Hz / random operation
Certification	CE, FCC Class-B, cULus & CCC

Ordering Information

SA-112-NQC	ARM-based signage player with IMX6QC MCIMX-6Q6AVT10AD Automotive 1GHz processor, 8GB eMMC NAND Flash & 1GB DDR3L, 25W power adaptor
SA-112-NDL	ARM-based signage player with IMX6DL MCIMX-6U5DVM10AB Commercial 1GHz processor, 8GB eMMC NAND Flash & 1GB DDR3L, 25W power adaptor, (operating temperature 0°C ~ 50°C)

Dimensions

