

# SA-112-N

## Entry-Level Digital Signage Player

i.MX6 Dual/Quad Processor-based Fanless Signage Player with 1x HDMI and 1x VGA

Signature Book™



## Features

- Supports Freescale i.MX6 Dual/Quad Processor
- 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 function (optional)
- 5V DC-in power input
- Wide operating temperature supports from -40°C to 75°C
- Ruggedized, fanless and compact design

## Specifications

System Mainboard	MBD112
CPU Type	Freescale iMX6Q Automotive 1GHz / iMX6DL Commercial 1GHz
Chipset	Integrated
Memory	Onboard DDR3L, 1GB 533MHz, (1066MT/s)
Graphics	i.MX53 + VP6 / WebM VP8, H.264 MVC
LAN	1x RJ45 (1000M)/AR8031-AL1B 1x Wi-Fi function built-in
Expansion Slots	1x Mini PCI-E (Full-size) for Wi-Fi, Bluetooth, 4G, or TV tuner options
I/O Interface	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(W) x 104.5mm(D) x 35.1mm(H) 4.61"(W) x 4.11"(D) x 1.38"(H)
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)
Vibration	eMMC: 5 grms / 5~500Hz / random operation
Certification	CE, FCC class B, cULus & CCC
Operating System	SA-112-NDL- Android 4.4.2: HDMI output SA-112-NQC- Android 4.4.2: VGA+HDMI

## Ordering Information

SA-112-NQC	ARM-based signage player with CPU iMX6QC MCIMX6Q6AVT10AD Automotive 1GHz, eMMC NAND Flash 8GB & DDR3L 1GB on board, 25W power adaptor, (RoHS).
SA-112-NDL	ARM-based signage player with CPU iMX6DL MCIMX6U5DVM10AB Commercial 1GHz, eMMC NAND Flash 8GB & DDR3L 1GB on board, 25W power adaptor, (RoHS), (operating temperature 0°C ~ 50°C)
25W power adaptor (optional)	AC/DC 5V output, 25W power adaptor, IBASE P/N:A005PS025W0102000P

## Dimensions

