

# SI-623-N

## Mid-Range Digital Signage Player

7th/6th Generation Intel® Core™ Mobile processor-based Signage Player with Integrated Intel® HD Graphics 530 and Three HDMI

Signature Book™



### Specifications

System Mainboard	MBD623
CPU Type	7th/6th Generation Intel® Core™ mobile processor TDP <=35W
CPU Socket	FCBGA 23 mm x 23 mm x 0.5 mm
Chipset	HM170/ QM170 PCH
Memory	2x DDR4-2133 SO-DIMM, Dual channel, Max. 32GB
Graphics	Integrated Intel® HD Graphics 530
LAN	1x Gigabit LAN
Expansion Slots	1x M.2 B key(3042) for storage, Wi-Fi, Bluetooth, 4G options 1x M.2 M-Key (2280) for storage 1x Mini PCI-E (full-size) for Wi-Fi, Bluetooth, 4G, or TV tuner options 1x SIM card slot
I/O Interface	1x HDMI 2.0 + 2x HDMI 1.4 with hardware EDID emulation 2x USB 3.0 2x USB 2.0 1x RJ45 for Gigabit LAN 1x RJ45 for RS-232 serial port 2x Audio connectors for Mic in / Line out Power / HDD LED, 1x power button 1x power jack connector
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	+12V DC
Construction	Aluminum + SGCC
Weight	2.4 kgs (5.29lbs)
Chassis Color	Black and white
Storage	1x 2.5" SATA HDD/SSD
Power Supply	84W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	215.6mm(W) x 215.6mm(D) x 40mm(H) 8.49"(W) x 8.49"(D) x 1.57"(H)
Operating Temperature	0°C~ 45°C (32°F~113°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5%~90% @45°C (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation
Certification	CE, FCC class B, cULus & CCC
Operating System	Win7 32/64-bit, Win8.1 64-bit & Win10 64-bit Enterprise

### Features

- iSMART - for auto-scheduling and power resume
- iAMT(11.0), TPM1.2, vPro and Watchdog timer
- 7th/6th Generation Intel® Core™ mobile processor
- Integrated Intel® HD Graphics 530
- 2x DDR4-2133 SO-DIMM, Dual channel, Max. 32GB
- 1x HDMI 2.0 + 2x HDMI 1.4 with independent audio output support
- Built-in hardware EDID emulation function
- 1x M.2 B key(3042) for storage, Wi-Fi, Bluetooth, 4G options
- 1x M.2 M-Key(2280) for storage
- 1x Mini PCI-E (full-size) for Wi-Fi, Bluetooth, 4G, or TV tuner options
- Compact and fanless design

### Ordering Information

SI-623-N	Book-Size Signage Player with MBD623 Intel® Core™ i7-6822EQ Processor (8M Cache, up to 2.80 GHz), 2x 4GB DDR4 2133 SO-DIMM memory, 2.5" SATA SSD 128GB and 84W power adaptor
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### Dimensions

