

SE-103-N

Outdoor Signage Player

Intel® Atom® x6000 / Pentium® / Celeron® Processor Fanless Signage Player with Intel® Graphics engines and Three HDMI



Features

- iSMART intelligent energy-saving & Observer remote monitoring technologies
- Intel® Atom® x6000/ Pentium® / Celeron® Processors
- 3x HDMI 2.0b with HDMI-CEC display on/off control function
- Built-in hardware EDID emulation with S/W control function
- 2x DDR4-3200 SO-DIMM, Dual channel, Max. 32GB
- 1x Intel® 2.5GbE LAN
- 1x M.2 B-Key (3052) for 5G options
- 1x M.2 E-Key (2230) for Wi-Fi, Bluetooth or capture card options
- TPM 2.0 and watchdog timer
- Industrial-grade robust, fanless and compact Design
- Wide-range operating temperature from -20°C to 70°C

Specifications

System Mainboard	MBD103
CPU	Intel® Atom® x6425E (2.0~3.0GHz) Intel® Atom® x6211E (1.3~3.0GHz) Intel® Celeron® J6413 (1.8~3.0GHz) Intel® Celeron® N6210 (1.2~2.6GHz)
CPU Socket	FCBGA1493
Chipset	SoC Integrated
Memory	2x DDR4-3200 SO-DIMM, Dual channel, Max. 32GB, supports IB ECC for x6000 Series CPU
Graphics	11th Gen Intel® SoC integrated 18EUs Gfx
LAN	1x Intel® I225IT 2.5GbE LAN for Atom® x6000 series 1x Intel® I225V 2.5GbE LAN for Celeron®/ Pentium®
Expansion Slots	1x M.2 E-Key (2230) 1x M.2 B-Key (3052) 1x UIM/SIM card slot
I/O Interface	3x HDMI 2.0b 3x USB 1x RJ45 for 2.5GbE LAN 1x RJ45 for RS232 serial port 2x Audio connectors for Line-in / Line-out 1x Power button 1x Terminal block for power port 1x UIM/SIM card slot 1x Power / HDD LED 4x DI, 4x DO pin header (w/o isolation) (Internal)
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	+12V DC
Construction	Aluminum + SGCC
Weight	1.7Kg (3.75lbs)
Chassis Color	Black & White
Storage	1x M.2 M-Key (2280)
Power Supply	60W power adaptor
Mounting	Standard system bracket
Dimensions	260mm(W) x 181.4mm(D) x 25mm(H) 10.24"(W) x 7.14"(D) x 0.98"(H)
Operating Temperature	-20°C~70°C (-29°F~158°F) for x6000 Series CPU 0°C~45°C (0°F~140°F) for N/J6000 Series CPU
Storage Temperature	-20°C ~ 80°C (-22°F~176°F)
Relative Humidity	10%~90% (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation
Certification	CE, FCC class-B, UKCA, cULus
Operating System	Win10 IoT Enterprise (64-bit) Linux Ubuntu (64-bit)

Ordering Information

SE-103-N	Signage Player with Intel® Atom® x6425E (2.0~3.0GHz); 2x 4GB DDR4-3200 SO-DIMM, M.2 128GB storage, 3x HDMI 2.0b, 3x USB, 1x LAN, 1x COM (RJ45), 60W power adaptor (Operating temperature -20°C~70°C)
SE-103-N11E	Signage Player with Intel® Atom® x6211E (1.3~3.0GHz); 2x 4GB DDR4-3200 SO-DIMM, M.2 128GB storage, 3x HDMI 2.0b, 3x USB, 1x LAN, 1x COM (RJ45), 60W power adaptor (Operating temperature -20°C~70°C)
SE-103-N13	Signage Player with Intel® Celeron® J6413 (1.8~3.0GHz); 2x 4GB DDR4-3200 SO-DIMM, M.2 128GB storage, 3x HDMI 2.0b, 3x USB, 1x LAN, 1x COM (RJ45) and 60W power adaptor (Operating temperature 0°C~45°C)
SE-103-N10	Signage Player with Intel® Celeron® N6210 (1.2~2.6GHz); 2x 4GB DDR4-3200 SO-DIMM, M.2 128GB storage, 3x HDMI 2.0b, 3x USB, 1x LAN, 1x COM (RJ45) and 60W power adaptor (Operating temperature 0°C~45°C)

Dimensions

