SI-121-N

Entry-level Signage Player

Intel® Core® Processor N-Series (Twin Lake) Fanless Signage Player with Intel® Graphics built-in and One HDMI 2.0b

Features

- iSMART intelligent energy-saving technology - enables power on/off scheduling and power resume functions
- Intel® Core® Processor N-Series (Twin Lake)
- 1x HDMI 2.0b with independent audio output
- HDMI-CEC and display monitoring functions
- Supports PDPC (Peripheral Device Power Control) function
- Supports OOB function via I210IT LAN port (optional)
- 1x DDR5-4800 SO-DIMM, Max. 32GB
- 1x M.2 M-Key (2280) for storage
- 1x M.2 B-Key (3052) for 5G/LTE
- 1x Nano SIM slot
- TPM 2.0 and watchdog timer
- Industrial-grade robust, fanless and compact design

Specifications

System Mainboard	MBD121
CPU	Intel® N-Series (Twin Lake) Processors
CPU Socket	FCBGA1264
Chipset	Integrated
Memory	1x SO-DIMM DDR5 4800 MHz, Max. 32GB
Graphics	Intel® Graphics
LAN	1x 1.0 Gb LAN with optional OOB/In-band optional function support
Expansion Slots	1x M.2 M-key (2280) for storage 1x M.2 B-key (3052) for 5G/LTE 1x SIM card slot
I/O Interface	1 x HDMI 2.0b 2x USB 3.2 (with 1x PDPC function included) 1x RJ45 for Gigabit LAN 1x RJ45 for RS-232 serial port 1x Audio connector for Line-out 1x Power Button 1x Power Jack (+12V DC) 2x LED for Power & Storage
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2…255 (sec/min)
Power Requirement	+12V DC
Construction	Aluminum + SGCC
Weight	1.0 kg (2.2 lbs)
Chassis Color	Black & White
Storage	1x M.2 M-key (2280) (NVMe / SATA)
Power Supply	50W power adaptor
Mounting	Standard system bracket
Dimensions	170mm(W) x 123mm(D) x 22.5mm(H)
Operating Temperature	0°C~ 45°C (32°F~113°F)
Storage Temperature	-20° ~ 80°C (-4°F~176°F)
Relative Humidity	10%~90% (non-condensing)
Vibration	1Grms/3~500Hz/ Random operation
Certification	CE, FCC Class B, cULus
Operating System	Windows 11 IoT Enterprise LTSC Linux Ubuntu 64-bit

Ordering Information

SI-121-N355TB	Intel® Core™ 3 Processor N355, 1x 8GB DDR5 5600 SO-DIMM memory, 1x M.2 256GB and 50W power adapter, with TPM, OOB function
SI-121-N150TB	Intel® Processor N150, 1x 8GB DDR5 5600 SO-DIMM memory, 1x M.2 256GB and 50W power adapter, with TPM, OOB function
SI-121-N355T	Intel® Core™ 3 Processor N355, 1x 8GB DDR5 5600 SO-DIMM memory, 1x M.2 256GB and 50W power adapter, with TPM
SI-121-N150T	Intel® Processor N150, 1x 8GB DDR5 5600 SO-DIMM memory, 1x M.2 256GB and 50W power adapter, with TPM
SI-121-N355	Intel® Core™ 3 Processor N355, 1x 8GB DDR5 5600 SO-DIMM memory, 1x M.2 256GB and 50W power adapter
SI-121-N150	Intel® Processor N150, 1x 8GB DDR5 5600 SO-DIMM memory, 1x M.2 256GB and 50W power adapter
SI-121-N355B	Intel® Core™ 3 Processor N355, 1x 8GB DDR5 5600 SO-DIMM memory, 1x M.2 256GB and 50W power adapter, with OOB function
SI-121-N150B	Intel® Processor N150, 1x 8GB DDR5 5600 SO-DIMM memory, 1x M.2 256GB and 50W power adapter, with OOB function

Dimensions

Remarks: 1. Specifications are subject to change without prior notice. 2. ODM/OEM is available. 3. For user's manual & datasheet download, visit www.ibase.com.tw.