

SI-324-N

Mid-Range Signage Player

AMD Ryzen™ Embedded R2000 / V2000 Series Processor Fanless Signage Player with AMD Vega GPU and 4x HDMI



SI-324-N VIDEO

Specifications

System Mainboard	MBD324
CPU	AMD Ryzen™ Embedded V1000 2.0GHz/3.6GHz or R2000 2.1GHz/3.5GHz Processors (TDP <= 25W)
CPU Socket	FP5 BGA package, 35mm x 25mm, 0.8mm pitch
Chipset	SoC integrated
Memory	2x DDR4-2400 SO-DIMM, Dual channel, Max. 32GB
Graphics	Next-Gen AMD Radeon™ HD GPU integrated
LAN	2x Realtek RTL8111H-CG Gigabit LAN controller
Expansion Slots	1x Mini PCI-E (full-size) 1x M.2 E-Key (2230) 1x SIM card slot
I/O Interface	4x HDMI 2.0 with hardware EDID emulation 2x USB 3.0, 1x USB 2.0 2x RJ45 for Gigabit LAN 1x RJ45 for RS-232 serial port 1x Audio connectors for Line-out 1x 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-in
Construction	Aluminum + SGCC
Weight	1.5kg (3.31lbs)
Chassis Color	Black & white
Storage	1x M.2 M-Key (2280) (SATA signal only)
Power Supply	84W power adaptor
Mounting	Standard system bracket
Dimensions	215.8mm(W) x 164mm(D) x 45mm(H) 8.49"(W) x 6.45"(D) x 1.77"(H)
Operating Temperature	0°C ~ 45°C (32°F~113°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	10%~90% (non-condensing)
Vibration	M.2: 5 grms / 5~500Hz / random operation
Certification	CE, FCC Class-B, cULus
Operating System	Win10 IoT Enterprise(64-bit) Linux Ubuntu(64-bit)

Features

- iSMART intelligent energy-saving & Observer remote monitoring technologies
- AMD Ryzen™ Embedded R2000 / V1000 Series Processors (TDP<=25W)
- Vega GPU with up to 8 compute units
- 4x HDMI 2.0 with independent Audio output support
- Built-in hardware EDID emulation function with software setting mode
- 2x DDR4-2400 SO-DIMM, Dual channel, Max. 32GB
- 1x Mini PCI-E (full-size) for Wi-Fi, Bluetooth, 4G LTE and capture card options
- 1x M.2 E-Key (2230) for Wi-Fi and Bluetooth options
- 1x M.2 M-Key (2280) for storage
- Compact and fanless design

Ordering Information

SI-324-N	Signage Player with MBD324 w/ AMD Ryzen™ Embedded V1605B 2.0GHz/3.6GHz; 2x 4GB DDR4-2400 SO-DIMM memory, M.2 128GB, 84W power adaptor
SI-324-NR8	Signage Player with MBD324-R8 w/ AMD Ryzen™ Embedded V1605B 2.0GHz/3.6GHz; 2x 4GB DDR4-2400 SO-DIMM memory, M.2 128GB, 84W power adaptor
SI-324-N2314	Signage Player with MBD324-R8 w/ AMD Ryzen™ Embedded R2314 2.1GHz/3.5GHz; 2x 4GB DDR4 SO-DIMM memory, M.2 128GB, 84W power adaptor

Dimensions

