



SI-324 VIDEO



Features

- iSMART intelligent energy-saving & Observer remote monitoring technologies
- AMD Ryzen™ Embedded V1000 Series Processors
- Vega GPU with up to 11 compute units
- 4x HDMI 2.0 with independent Audio output support
- Built-in hardware EDID emulation function with the software setting mode
- 2x DDR4-2400 SO-DIMM, Dual channel, Max. 32GB
- 1x Mini PCI-E (full-size) for Wi-Fi, Bluetooth, 4G LTE or capture card options
- 1x M.2 E-Key (2230) for Wi-Fi and Bluetooth options
- 1x M.2 M-Key (2280) for storage
- Segregated flow ventilation design

Specifications

System Mainboard	MBD324
CPU	AMD Ryzen™ Embedded V1000 Series Processors
CPU Socket	FP5 BGA package, 37x29mm
Chipset	SoC integrated
Memory	2x DDR4-2400 SO-DIMM, Dual channel, Max. 32GB
Graphics	Next-gen AMD Vega 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	2.1 kg (4.63 lbs)
Chassis Color	Black & white
Storage	1x M.2 M-Key (2280)
Power Supply	150W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	269mm(W) x 193mm(D) x 31.5mm(H) 10.59"(W) x 7.59"(D) x 1.24"(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, CCC
Operating System	Win10 IoT Enterprise (64-bit) Linux Ubuntu (64-bit)

Ordering Information

SI-324	Signage Player with MBD324 w/ AMD Ryzen™ Embedded V1807B 3.35GHz/3.8GHz ; 2x 4GB DDR4-2400 SO-DIMM, M.2 128GB, 150W power adaptor
SI-324-16	Signage Player with MBD324 w/ AMD Ryzen™ Embedded V1605B 2.0GHz/3.6GHz ; 2x 4GB DDR4-2400 SO-DIMM, M.2 128GB, 150W power adaptor
SI-MK3A	Mounting bracket
SI-1U-AD	1U Rackmount kit
HDMI Cable Holder	SI-304/SI-324 HDMI bracket kit

Dimensions

