

SI-324

Mid-Range Digital Signage Player

AMD Ryzen™ Embedded V-Series Zen Core-based Signage Player with AMD Vega GPU and Four HDMI



Specifications

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|-----------------------------|--|
| System Mainboard | MBD324 |
| CPU Type | AMD Ryzen™ Embedded V1807B 3.35/3.8GHz; DC V1202B 2.3GHz/3.2GHz |
| CPU Socket | FP5 BGA package, 37x29mm |
| Chipset | AMD integrated SoC |
| Memory | 2x DDR4-2400 SO-DIMM, Dual Channel, Max. 32GB |
| Graphics | Next-gen AMD Vega GPU integrated |
| LAN | 2x Realtek RTL8111H Gigabit LAN controller |
| Expansion Slots | 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, Bluetooth, 4G LTE options 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 Microjack audio connectors for 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-in |
| Construction | Aluminum + SGCC |
| Weight | 2.1 kgs (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 | Win 10 IoT Enterprise 64-bit Linux Ubuntu 64-bit |

Features

- iCONTROL intelligent energy-saving & Observer remote monitoring technologies
- AMD Ryzen™ Embedded V1000 series
- 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, Bluetooth, 4G LTE options
- 1x M.2 M-Key(2280) for storage
- Segregated flow ventilation design

Ordering Information

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|-------------------|--|
| SI-324 | Signage Player with MBD324 w/ AMD Ryzen™ Embedded V1807B 3.35GHz/3.8GHz ;2x 4GB DDR4 2400 SO-DIMM memory, M.2 128GB, 150W power adaptor (RoHS) |
| SI-MK3A | Mounting bracket for SI-304/SI-122-N/SI-313/SI-313-N/SI-324/SI-613/SI-623 series |
| SI-1U-AD | 1U Rackmount kit |
| HDMI Cable Holder | SI-304/SI-324 HDMI bracket kit |

Dimensions

