



Specifications

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| System Mainboard | MBD304 |
| CPU Type | 2nd Generation R-series QC RX-427BB 2.7/3.4G DC RX-225FB 2.2/3.0G APU |
| CPU Socket | FP3 BGA package, 32x29mm |
| Chipset | AMD A77E |
| Memory | 2x DDR3-2133 SO-DIMM, Dual channel, Max. 32GB |
| Graphics | Radeon™ HD 9000 series GPU |
| LAN | 1x Realtek RTL8111G Gigabit LAN controller 1x Realtek RTL8111EP-CG LAN controller |
| Expansion Slots | 1x Mini PCI-E (full-size) for mSATA, Wi-Fi, Bluetooth or 4G LTE options 1x Mini PCI-E (full-size) for Wi-Fi, Bluetooth or 4G LTE options 1x UIM/SIM card slot (for 4G/LTE adaptor in mPCI-E slot) |
| I/O Interface | 4x HDMI 1.4b with Hardware EDID emulation 2x USB 3.0 1x USB 2.0 2x RJ45 for LAN 1x RJ45 for RS232 1x Microjack audio connector for Line-out Power LED / HDD LED, power on/off button 1x DC power jack |
| Auto Control and Monitoring | 256 segments, 0, 1, 2...255 (sec/min) |
| Power Requirement | +12V DC-in |
| Construction | Aluminum + SGCC |
| Weight | 2.1kg(4.63lbs) |
| Chassis Color | Black & white |
| Storage | 1x M.2 M-Key (2280) |
| Power Supply | 84W power adaptor |
| Mounting | Slim design with wall mounting holes |
| Dimensions | 269mm(W) x 193mm(D) x 31.5mm(H) 10.59"(W) x 7.6"(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 | 5~90% @ 45°C, (non-condensing) |
| Vibration | SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation |
| Certification | CE, FCC class B, cULus & CCC |
| Operating System | Windows® 7 (32/64-bit), Windows 8.1† (32/64-bit) Windows 10 (64-bit) Window Embedded Standard 7 (32/64-bit) Window Embedded Standard 8 (32/64-bit) Linux Closed Source (64-bit), Linux Open Source (64-bit) |

Features

- iSMART - for EuP/ErP power saving, auto-scheduling and power resume
- 2nd Generation AMD Embedded R-series APU (Codenamed: "Bald Eagle"), up to 35W
- AMD Radeon™ HD 9000 series GPU
- 4x HDMI 1.4b with independent audio output support
- Hardware EDID emulation function built in
- 2x DDR3-2133 SO-DIMM, Dual channel, Max. 32GB
- 1x Mini PCI-E for mSATA, Wi-Fi, Bluetooth or 4G LTE options
- 1x Mini PCI-E for Wi-Fi, Bluetooth or 4G LTE options
- Segregated flow ventilation design

Ordering Information

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|-------------------|---|
| SI-304-427 | Signage Player with MBD304 w/ AMD 4 Cores RX-427BB 2.7GHz/3.4 GHz APU, 2x 4GB DDR3 SO-DIMM 2133, M.2 64GB, 84W power adaptor (RoHS) |
| SI-304-225 | Signage Player with MBD304 w/ AMD 2 Cores RX-225FB 2.2GHz/3.0GHz APU, 2x 4GB DDR3 SO-DIMM 1600, M.2 64GB, 84W 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

