

SI-304

2nd Gen. AMD Embedded R-series APU-based Signage Player with Radeon™ HD 9000 Series Graphics and Four HDMI

Signature Book™



Features

- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- 2nd Generation AMD Embedded R-series APU (Codenamed: "Bald Eagle"), up to 35W
- AMD Radeon™ HD 9000 series GPU
- 4x HDMI with Max. 4096 x 2160 resolution per display output
- 2x DDR3-2133 SO-DIMM, dual channel, Max. 32GB
- Dual Mini PCI-E(x1) slots for Wi-Fi, Bluetooth, 3G/LTE or TV tuner options
- Segregated flow ventilation design

Specifications

System Mainboard	MBD304
CPU Type	2nd Gen. R-series QC RX-427BB 2.7/3.4G DC RX-225BB 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 RTL8111G Gigabit LAN controller 1x 8111EP-CG LAN controller
Expansion Slots	2x mPCIe(x1) for Wi-Fi + Bluetooth, 3G, GPS and TV tuner options 1x UIM/SIM card slot (for 3G/LTE adaptor in mPCIe slot)
I/O Interface	4x HDMI 2x USB 3.0 ports 1x USB 2.0 port 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
Watchdog Timer	256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	+12V DC-in
Weight	2.1kg(4.63lbs)
Construction	Aluminum + SGCC
Chassis Color	Black & white
Storage	1x mSATA 1x NGFF M key 22 x 80mm(2280)
Power Supply	84W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	269mm(W) x 193mm(D) x 29.5mm(H) 10.59"(W) x 7.6"(D) x 1.16"(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, UL, CCC

Ordering Information

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)

Dimensions

