

SI-122-N

3rd Gen AMD Embedded G-Series SoC Dual-Core GX-224IJ
Fanless Signage Player with Dual HDMI



Specifications

System Mainboard	MBD122
CPU Type	3rd Generation AMD Embedded G-Series APU *The maximum TDP supported is 15W*
CPU Socket	FP4 BGA package, 37x29mm, 0.8mm pitch
Chipset	AMD integrated Soc
Memory	1x DDR4 SO-DIMM 2133Hz, Max. 16GB
Graphics	AMD Radeon™ (R4E) HD 10000 graphics (up to 3CU)
LAN	1x Realtek RTL8111G Gigabit LAN controller
Expansion Slots	1x M.2 B key(3042) for storage or 4G LTE options 1x Mini PCI-E(full-size) for Wi-Fi, Bluetooth or 4G LTE options 1x SIM card slot
I/O Interface	2x HDMI with Hardware EDID emulation 2x USB 3.0 2x USB 2.0 1x RJ45 for Gigabit LAN 1x RJ45 for RS-232 serial port 2x Audio connectors for Mic in / 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
Construction	Aluminum + SGCC
Weight	1.5kgs (3.31lbs)
Chassis Color	Black and white
Storage	1x M.2 M-Key (2280)
Power Supply	84W power adaptor
Mounting	Standard system bracket
Dimensions	215.8mm(W) x 150mm(D) x 33mm(H) 8.5"(W) x 5.91"(D) x 1.3"(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	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC class B, cULus & CCC
Operating System	Win10 32/64-bit, Win10 32/64-bit Enterprise, Win 7 32/64-bit & WES 7 32/64-bit

Features

- iSMART - for auto-scheduling and power resume
- 3rd Generation AMD Embedded G-Series SoC APU (Codename: Prairie Falcon), up to 15W
- AMD Radeon™ (R4E) HD 10000 graphics (up to 3CU)
- 1x DDR4 SO-DIMM 2133Hz, Max. 16GB
- 2x HDMI with 4K resolution per display
- Built-in hardware EDID emulation function
- 1x M.2 B key(3042) for storage or 4G LTE options
- 1x Mini PCI-E(full-size) for Wi-Fi, Bluetooth or 4G LTE options
- Compact and fanless design

Ordering Information

SI-122-N	Signage Player with MBD122 (w/ AMD Radeon™ R4E 2x HDMI), with AMD GX-224IJ, 2.4GHz, 1x 4GB DDR4 SO-DIMM, M.2 64GB, 84W power adaptor
SI-MK3A	Mounting bracket for SI-304/SI-122-N/SI-313/SI-313-N/SI-324/SI-613/SI-623 series

Dimensions

