

SI-132-N

Entry-Level Signage Player

AMD Ryzen™ Embedded G-Series Core-based Digital Signage Player with AMD Vega GPU and Dual HDMI



Features

- iCONTROL intelligent energy-saving & Observer remote monitoring technologies
- AMD Ryzen™ Embedded G1000 series
- Vega GPU with up to 2 Compute Units
- 2x 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
- Compact and fanless design

Specifications

System Mainboard	MBD123
CPU	AMD V-Series Two-Core APU
CPU Socket	TBD
Chipset	AMD integrated SoC
Memory	2x DDR4-2400 SO-DIMM, Dual channel, Max. 32GB
Graphics	Next-Gen AMD Radeon™ HD GPU integrated
LAN	1x 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	2x HDMI 2.0 with hardware EDID emulation 2x USB 3.0, 1x USB 2.0 1x RJ45 for Gigabit LAN 1x RJ45 for RS-232 serial port 1x Micro jack 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	TBD
Chassis Color	Black & white

Storage	1x M.2 M-Key 2280 (SATA signal only)
Power Supply	60W power adaptor
Mounting	Standard system bracket
Dimensions	TBD
Operating Temperature	0°C ~ 45°C (32°F~113°F)
Storage Temperature	-20°C to 80°C(-4°F~167°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