



MI988 – AMD Ryzen™ Embedded V1000 Mini-ITX Motherboard

The MI988 is a Mini-ITX motherboard equipped with an AMD Ryzen™ Embedded V1000 series processor. The combined processing power of AMD's Zen architecture with Vega graphics allows for excellent performance in a variety of applications. The MI988 supports ECC memory and a wide array of I/O, making it an excellent solution for most industrial computing needs.

SPECIFICATIONS

CPU	AMD Ryzen™ Embedded V1000 Series
Memory Type	260-pin DDR4 2666MHz SO-DIMM
Memory Slots	2
Maximum Memory Supported	32GB
Chipset	Integrated in SoC
Integrated Graphics	AMD® Radeon™ Vega Graphics
Watchdog Timer	256 levels
Serial ATA (SATA)	2 x SATA III
Video	1 x HDMI, 1 x DisplayPort, 1 x LVDS or eDP
LAN Ports	2 x Intel® I211AT Gigabit LAN
Digital I/O	4-In, 4-Out
Extended Interface	1 x PCIe x8, 1 x M.2 2280 M-key, 1 x Mini-PCIe
Internal I/O	2 x COM, 1 x eDP, 1 x LVDS, 2 x SATA III
Rear I/O	4 x USB 3.1, 2 x LAN, 1 x DP, 1 x HDMI, 4 x COM, 1 x Line-In, 1 x Line-Out, 1 x Mic-In
Audio	Realtek® ALC888S Audio
Power Requirement	DC input 12~24V
Dimensions	6.7" x 6.7" (170mm x 170mm)
Operating Temperature	32 ~ 140°F (0 ~ 60°C)
Storage Temperature	-4 ~ 176 °F (-20 ~ 80 °C)

Relative Humidity	90% (non-condensing at 60°C)
OS Software Supported	Windows 10 64-bit
Global P/N / SKU	2809123

Ordering Options

MI988FS-1807 (SKU# 2809123A): Mini-ITX Motherboard with AMD Ryzen™ V1807B QuadCore APU (3.35GHz ~ 3.8GHz) MI988FS-1756 (SKU# 2809123B): Mini-ITX Motherboard with AMD Ryzen™ V1756B QuadCore APU (3.25GHz ~ 3.6GHz) MI988FS-1605 (SKU# 2809123C): Mini-ITX Motherboard with AMD Ryzen™ V1605B QuadCore APU (2.0GHz ~ 3.6GHz) MI988FS-1202 (SKU# 2809123D): Mini-ITX Motherboard with AMD Ryzen™ V1202B DualCore APU (2.3GHz ~ 3.3GHz)