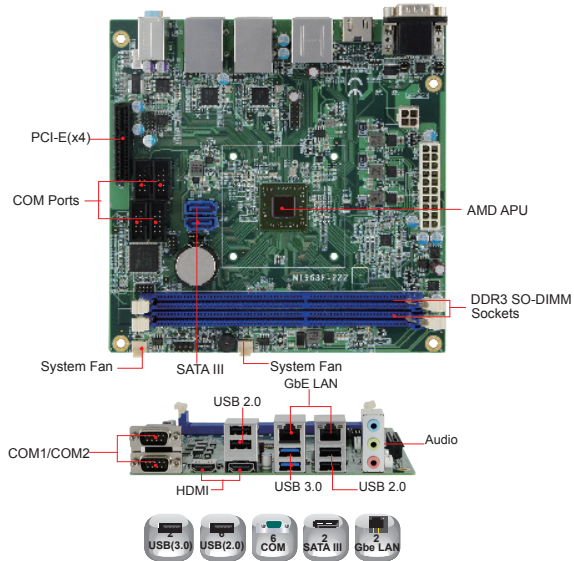


MI963 Mini-ITX Motherboard

AMD Embedded G-Series SoC Mini-ITX Motherboard



System

CPU	AMD Embedded G-Series GX-424CC SoC (2.4GHz)
System Memory	2x DDR3 DIMM, Max. 8GB (ECC compatible)
System Chipset	Integrated
BIOS	AMI
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slot	1x PCI-E(x8)[(x4) Link]

Graphics

VGA Controller	AMD Embedded G-series SoC built-in GPU (AMD Radeon™ HD8000 series)
VGA Memory	N/A
Display Interface	Supports 2x HDMI

LAN

Controller	2x Intel® I211AT PCI-E Gigabit LAN
Connector	2x RJ-45 on board

Multi I/O

I/O Chipset	Fintek F81846AD-I 3x RS232, 1x RS232/422/485 (jumperless selection) 2x SATA III
USB	4 ports onboard, 2 ports via pin-header (USB 2.0) 2 ports onboard (USB 3.0)
Audio	AMD Embedded G-series SoC built-in audio controller w/ Realtek ALC662QHD codec Extra 3W + 3W amplifier
Others	Digital I/O (4-in/4-out), ATX power connector

Features

- Onboard AMD Embedded G-Series GX-424CC SoC, 2.4GHz
- 2x DDR3 DIMM, Max. 8GB
- Supports 2x HDMI
- 2x Intel® PCI-E Gigabit LAN
- Watchdog timer, Digital I/O
- 6x USB 2.0, 2x USB 3.0, 6x COM, 2x SATA III
- 1x PCI-E(x8) [(x4) Link]

Mechanical and Environmental

Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	AMD GX-424CC 2.4GHz w/ 2x DDR3L-1600 8G +12V: 1.56A; +5V: 1.75A; +5VSB: 0.13A; +3.3V: 0.23A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	90% (non-condensing @60°C)

Ordering Information

MI963F-222	AMD Embedded G-series GX-222GC APU on board Mini-ITX motherboard, w/ 2x HDMI, PCI-E, dual Gigabit LAN
MI963F-424	AMD Embedded G-series GX-424CC APU on board Mini-ITX motherboard, w/ 2x HDMI, PCI-E, dual Gigabit LAN

Dimensions and Drawing

