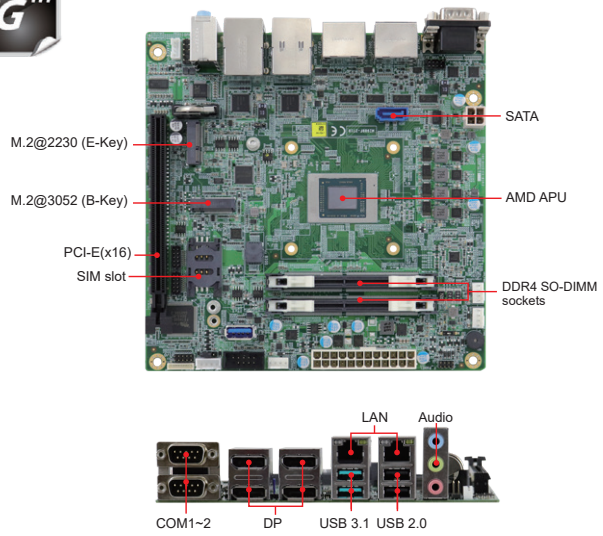
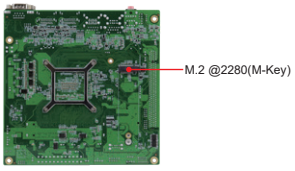


Features

- AMD Ryzen™ Embedded V2000 Series on board
- 2x DDR4 SO-DIMM, Max. 64GB, ECC compatible
- Dual Intel® Gigabit LAN
- 4x DisplayPort 1.4
- 3x USB 3.1, 2x USB 2.0, 4x COM, 1x SATA III
- 1x PCI-E(x16), 3x M.2 (B-Key, E-Key and M-Key)
- Watchdog timer, Digital I/O, TPM (2.0)



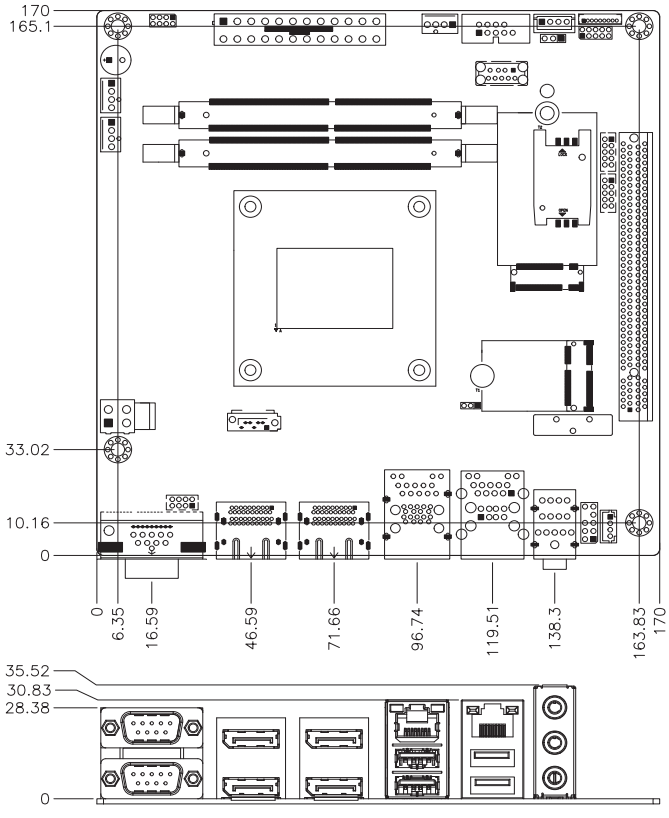
Specifications

CPU Socket	BGA1140
CPU	AMD V2000 series APU on board
PCH	N/A
Memory	2x DDR4-3200 SO-DIMM socket, Max 64GB, ECC compatible
BIOS	AMI
Watchdog Timer	256 levels
H/W Monitor	Yes
Storage Device Interface	2x M.2 (B-Key/ M-Key)
Expansion Slots	1x PCI-E (x16)
Mini Type Slots	1x M.2 (E-Key, type:2230) 1x M.2 (B-Key, type:3052) 1x M.2 (M-Key, type:2280, NVMe)
Graphics Controller	AMD Radeon Graphics
Video Output	4x DisplayPort 1.4
Ethernet	2x Intel® I211AT or I210AT Gigabit LAN
I/O Chipset	F81966D-I
Serial Port	4x COM port
USB 2.0	2x USB 2.0
USB 3.X	3x USB 3.1 (10Gbps)
Serial ATA	1x SATA 3.0
Audio	Built-in HD audio + Realtek ALC888S codec
TPM	2.0
Others	Digital I/O, SIM socket
Dimensions (L x W)	170mm x 170mm (6.7" x 6.7")
Power Consumption	TBD
Operating Temperature	0°C~ 60°C (32°F~140°F)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Relative Humidity	95% (non-condensing @60°C)

Ordering Information

MI989F-2718	AMD Ryzen™ V2718 APU (1.7GHz~4.15GHz) on board Mini-ITX motherboard, with 4x DisplayPort, dual Gigabit LAN, TPM (2.0), EuP/ErP, CPU cooler on board
MI989F-2748	AMD Ryzen™ V2748 APU (2.9GHz~4.15GHz) on board Mini-ITX motherboard, with 4x DisplayPort, dual Gigabit LAN, TPM(2.0), EuP/ErP, CPU cooler on board

Dimensions and Drawing



Remarks: 1. Specifications are subject to change without prior notice. 2. ODM/OEM is available. 3. For user's manual & datasheet download, visit www.ibase.com.tw.