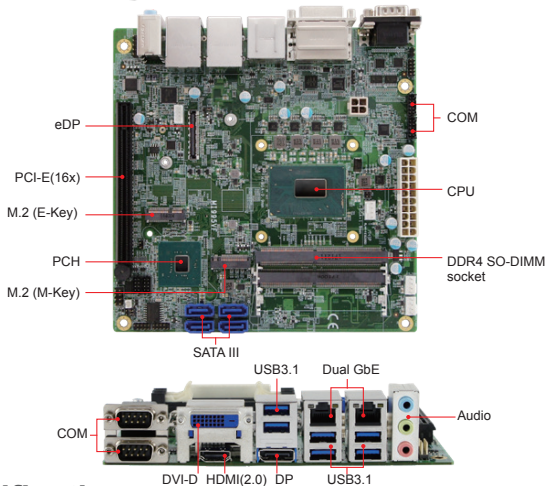
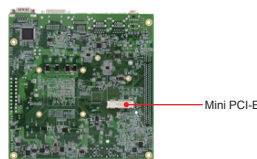


Mini-ITX Board



Features

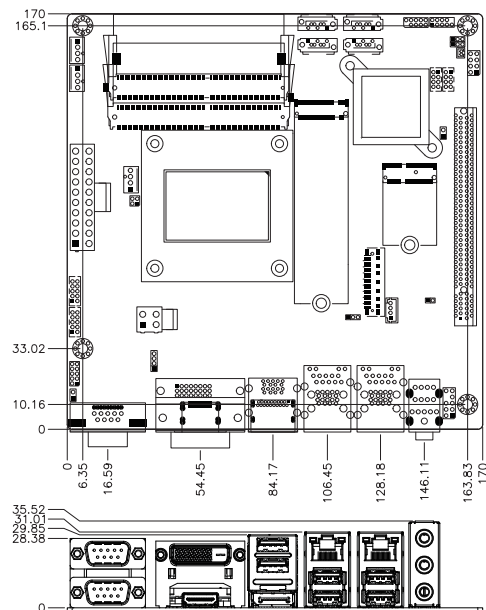
- 8th Gen Intel® Xeon® E / Core™ i7/ i5/ i3
- 2x DDR4 SO-DIMM sockets, Max. 32GB
- Supports eDP, HDMI(2.0a) / DVI-D and DisplayPort
- 2x Intel® Gigabit LAN
- 6x USB 3.1, 4x USB 2.0, 4x COM, 4x SATA III
- 1x PCI-E(16x), 1x Mini PCI-E, 2x M.2
- Watchdog timer, Digital I/O, iAMT(11.6), TPM(2.0), iSMART, vPRO (MI995VF series)



Ordering Information

MI995VF-X27	Intel® CM246/ Xeon® E-2176M Mini-ITX motherboard, w/ HDMI (2.0a), DisplayPort, DVI-D and eDP, dual Gigabit LAN, TPM (2.0), RAID, vPro, iAMT (11.6), iSMART (3.5), CPU cooler on board
MI995VF-8850	Intel® QM370/ Core™ i7-8850H Mini-ITX motherboard, w/ HDMI (2.0a), DisplayPort, DVI-D and eDP, dual Gigabit LAN, TPM (2.0), RAID, vPro, iAMT (11.6), iSMART (3.5), CPU cooler on board
MI995VF-8400	Intel® QM370/ Core™ i5-8400H Mini-ITX motherboard, w/ HDMI (2.0a), DisplayPort, DVI-D and eDP, dual Gigabit LAN, TPM (2.0), RAID, vPro, iAMT (11.6), iSMART (3.5), CPU cooler on board

Dimensions and Drawing



Specifications

CPU	FCBGA1440 for 8th Gen Intel® Xeon® E / Core i7/i5/i3 processors
System Memory	2x DDR4-2666 SO-DIMM socket, Max. 32GB (support ECC by CPU SKUs)
System Chipset	MI995VF-X27: Intel® CM246 PCH MI995VF-8850/8400: Intel® QM370 PCH
BIOS	AMI
Watchdog Timer	256 levels
SSD	mSATA, M.2
H/W Monitor	Yes
Expansion Slots	1x PCI-E(16x), 1x Mini PCI-E, 1 x M.2 (M-key, type:2280, NVMe) 1 x M.2 (E-Key, type:2230, CNVi)
VGA Controller	8th Gen Intel® Xeon®/ Core™ i7/i5/i3 processor integrated
VGA Memory	Shared memory
Display Interface	Supports eDP, HDMI(2.0a), DisplayPort and DVI-D
Controller	LAN 1: Intel® I219LM Gigabit LAN PHY (MI995VF-Series) Intel® I219V Gigabit LAN PHY (MI995VF) LAN 2: Intel® I210AT Gigabit LAN (MI995VF-X27) Intel® I211AT Gigabit LAN (MI995VF-8850/8400, MI995VF)
Connector	2x RJ-45 on board
I/O Chipset	Fintek F81964D-I 2x RS232/422/485, 2x RS232
USB	4x USB 3.1 onboard 2x USB 3.0 onboard 4x USB 2.0 via pin header
Serial ATA	MI995VF-X27: 4x SATA III MI995VF-8850/8400, MI995VF: 2x SATA III
Audio	Intel® [CNL PCH-H integrated] built-in High Definition Audio controller + Realtek ALC888S w/ 7.1 channels
Others	Digital I/O (4-in/4-out); TPM 2.0, iSMART, EuP/ErP, RAID, iAMT(11.6), ATX
Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	Intel® Core™ i5-8400H, 2.50GHz, w/ 2 x 16GB DDR4-2133 +12V: 3.01A +5V: 1.43A +5VSB: 0.15A +3.3V: 0.32A
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)