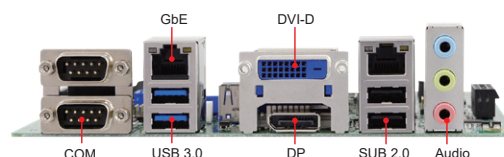


Features

- Supports 4x USB 2.0, 3x USB 3.0, 2x SATA III
- 1x PCI-E(x1) slot, 1x M.2 socket
- 1x eDP or 1x LVDS, 1x DisplayPort, 1x DVI-D
- 2x LAN connectors

I/O View



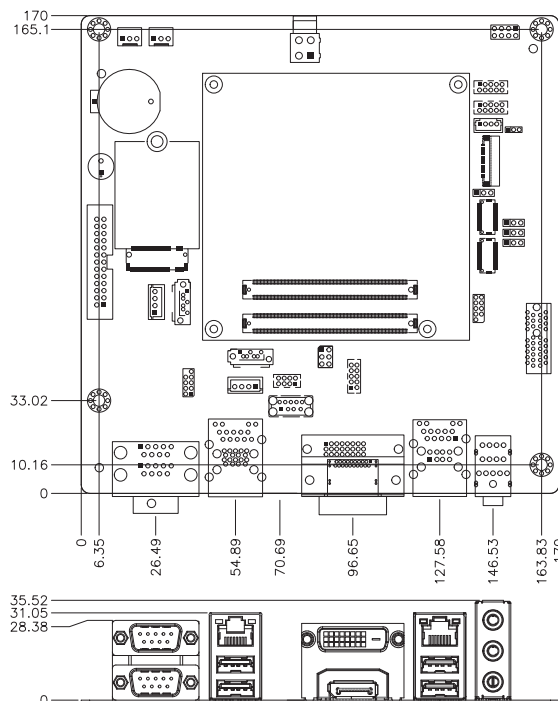
Specifications

Form Factor	Mini-ITX
Module Interface	COM Express Type-6 (R3.0)
Expansions slots	1x PCI-E(x1) slot 1x M.2 socket
Mini Type Slots	N/A
Video Output	2x DDI (1x DisplayPort 1x DVI-D) 1x LVDS or 1x eDP (By option) 1x 18/24-bit dual-channel LVDS or 1x eDP (option)
Ethernet	LAN1: Derived from COM Express CPU module LAN2: 1x Intel® I210IT
I/O Chip	Fintek F81964D-I
Serial Port	4x COM ports -2x COM ports (from Super I/O) -2x COM ports (from CPU module, TX/RX)
USB 2.0	Derived from COM Express module 4x USB 2.0, (one port for OTG)
USB 3.X	2x USB 3.0
Serial ATA	Deried from COM Express module 2x SATA III
Audio	Built-in ALC662 or ALC888S HD audio codec
Digital I/O	4-in/4-out
Watchdog	256 levels
KB/MS	N/A
Parallel	1x Parallel port via box header
Dimensions (L X W)	170 mm x 170 mm (6.7" x 6.7")
Power	DC-in (12V) 2x 2-pin connector for 12V DC power-in
Operating Temperature	-20°C ~ 70°C (-4°F ~ 94°F)
Storage Temperature	-40°C ~ 90°C (-40°F ~ 194°F)
Relative Humidity	10% ~ 90% (non-condensing)

Ordering Information

IP419	Mini-ITX COM Express Type-6 Carrier Board, Supports LVDS or eDP
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Dimensions and Drawing



1 CPU Modules

2 Single Board Computers

3 Motherboards

4 CPU Cards