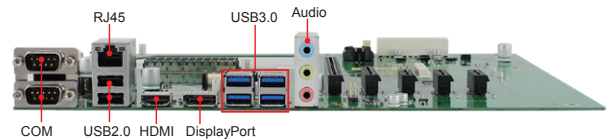


Features

- 1x PCI-E(x16), 1x PCI-E(x4), 3x PCI-E(x1) expansion slots
- Edge connectors for dual COM, RJ45+ 1x dual USB (2.0), 1x DP, 1x HDMI, 2x dual USB 3.0, audio connector (Line-out, Line-in & Mic.)
- Onboard headers for 2x COM (from COMe module), 1x KB/MS, 2x USB (2.0), DVI-D, CRT, LVDS, 4x SATA III, 1x LPT, COM Express (Type 6) connectors
- ATX power connector / DC-in (12V only)

I/O View



Specifications

Form Factor	ATX
Module Interface	COM Express Type 6
Expansion	1x PCI-E(x16) slot 1x PCI-E(x4) slot 3x PCI-E(x1) slots 1x MiniPCI-E socket (full-size, reserved one hole for half-size)
Display	1x VGA 3x DDI (1 x DisplayPort, 1x DVI-D, 1x HDMI) 1x 18/24-bit dual-channel LVDS
LAN Controller	Derived from COM Express CPU module
LAN Connector	1x RJ-45 connector
Audio	Onboard ALC662 w/ 5.1 CH audio
USB	Derived from COM Express module 4x USB 2.0 4x USB 3.0
Serial ATA	Derived from COM Express CPU module 4x SATA III
Super I/O	Fintek F81846D-I
COM Port	4x COM ports -2x COM ports (from Super I/O) -2x COM ports (from CPU module, TX/RX)
Digital I/O	4-in/4-out
Watchdog	256 levels
KB/MS	Yes
Parallel	1x Parallel port via box header
Power	ATX / DC-in 12V (only) 20+4-pin connector for ATX 2x 2-pin connector for 12V DC power-in (IP413-DC only)
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	10% ~ 90% (non-condensing)
Dimensions	305mm x 244mm (12" x 9.6")

Ordering Information

IP413	ATX COM Express Type 6 carrier board, supports ATX
IP413-DC	ATX COM Express Type 6 carrier board, supports DC-in

Dimensions and Drawing

