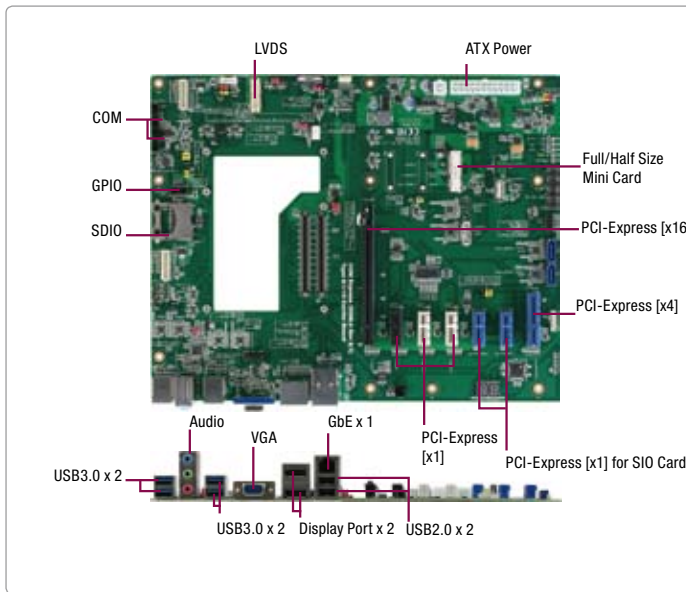


ECB-920A

Universal Type 1/6/10 Carrier Board

06

COM Express CPU Modules



Features

- Supports COM Express Module Rev. 2.1 Pin-out Type 1/6/10
- Supports Gigabit Ethernet, RJ-45
- Up to 24-bit Dual Channel LVDS Connector, DP, VGA
- High Definition Audio
- SATA Port x 4
- USB 2.0 x 8, USB3.0 x 4
- ATX Power Input
- LPC Connector x 1, ATX Form Factor

Specifications

System	
Form Factor	ATX
COM Express Connector	x2
I/O Chipset	N/A (Legacy support)
Front Panel Control	10-pin (5x2) header
Ethernet	10/1000/1000Base-TX, RJ-45 x 1 (From CPU module)
Expansion Interface	PCI-Express [x1] slot x 5 (3 by PCI-E[x1] x 1 pin-out, 2 by SIO pin-out) PCI-Express [x4] slot x 1 PCI-Express [x16] slot x 1 Mini Card slot x 1
Power Supply Type	ATX
CMOS Battery	RTC battery socket x 1
BIOS	SPI x 1
Board Size	12" x 9.6" (304mm x 244mm)
Gross Weight	1.32 lb (0.6 Kg)
Operating Temperature	32 °F ~ 140 °F (0 °C ~ 60 °C)
Storage Temperature	-40°F ~ 185°F (-40°C ~ 85°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	—
Display	
DVI/CRT	DB15 connector x 1
LVDS	30-pin (15 x 2) dual-channel LVDS connector x 1
SDVO	DP connector x 2
I/O	
Storage	SATA 3.0Gb/s x 4
Serial Port	RS-232 port x 2 (10-pin (5x2) box header x 2)
USB	Type A connector x 4 (USB3.0) for Type 6, USB2.0 port x 4
PS/2 Port	—
I2C	1
Audio	Audio Jack, supports Line-in, Line-out, Microphone
Debug LED	80 PORT



Packing List

- Quick Installation Guide
- ECB-920A

Ordering Information

- **ECB-920A-A10**
COM Express Type 6 Carrier Board, ATX, DP, Gigabit Ethernet, USB, PCI-Express, Rev. A1.0