

PBE-1702

COM Express Type 6 Evaluation Board in ATX Form Factor



Features

- **COM Express Type 6 Evaluation Board**
- Dual Gigabit Ethernet Ports
- Support DVI, Dual Channels LVDS, DisplayPort and Analog RGB
- **Operating Temp.: -20 ~ 70°C**

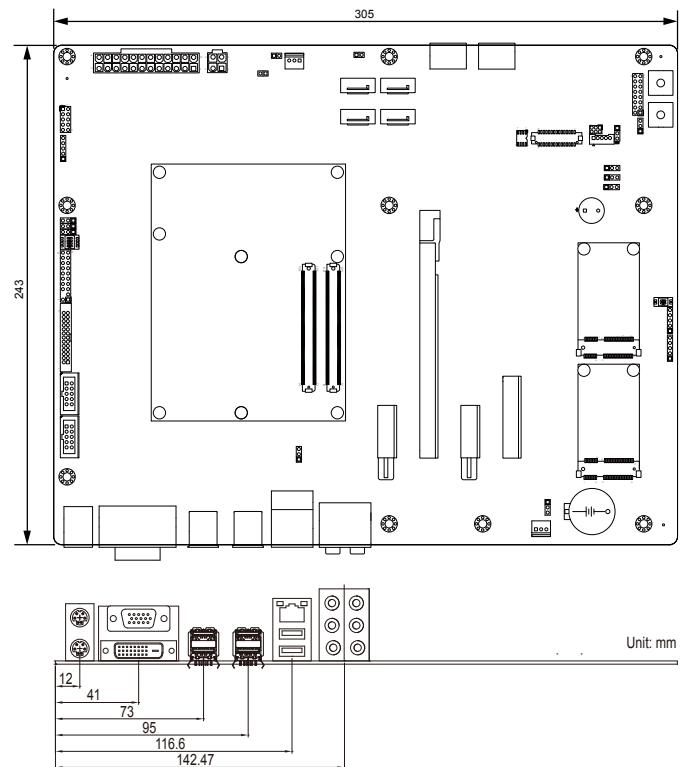
I/O

IO Chipset	Fintek F71869ED
Serial Port	2 x COM ports, 2 x Ultra COM ports (depending on CPU module)
Parallel Port	1 x SPP/EPP/ECP mode
USB Port	2 x USB 2.0 ports 4 x USB 3.0 ports (depending on CPU module)
KB/MS	Standard PS/2 keyboard and mouse
Digital IO	8-bit Digital Input/Output
Expansion Bus	1 x PCIe x16 slot
	2 x PCIe x1 slots
	1 x PCIe x4 slot
Storage	2 x Mini-card sockets (depending on CPU module)
	4 x Serial ATA connectors (depending on CPU module)
Ethernet Chipset	1 x Intel® 82583V PCIe GbE controller
	1 x GbE by Qseven™ CPU module
Audio Interface	ALC888 CODEC, Line-in/out, Mic-in, 7.1 + 2 Channel
Display	Analog RGB connector / DisplayPort connector / DVI connector
Graphics Interface	1 x LVDS Dual Channels connector

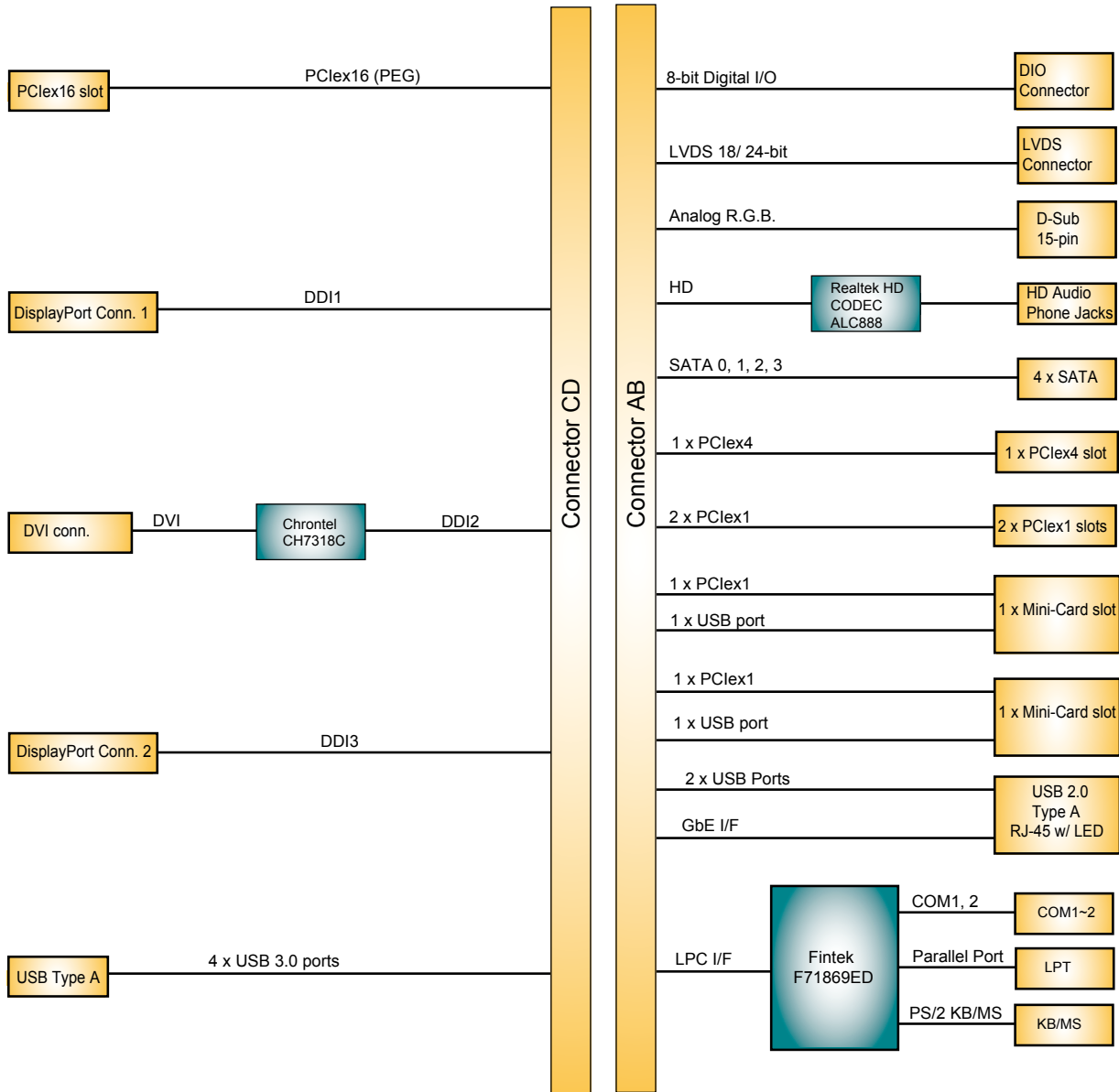
Mechanical & Environmental

Power Requirement	ATX connector
Power Consumption	2.12A@+12V with i7-2610UE (Typical)
Operating Temp.	-20°C~70°C (-4°F~158°F)
Operating Humidity	10 ~ 95% @ 70°C (non-condensing)
Dimension (L x W)	305 x 243 mm (12" x 9.6")

Dimensions



Block Diagram



Ordering Information

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Optional Accessories

CBK-04-1702-00

Cable kit

- 1 x USB cable
- 2 x COM port cables
- 1 x SATA cable

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