

# 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**

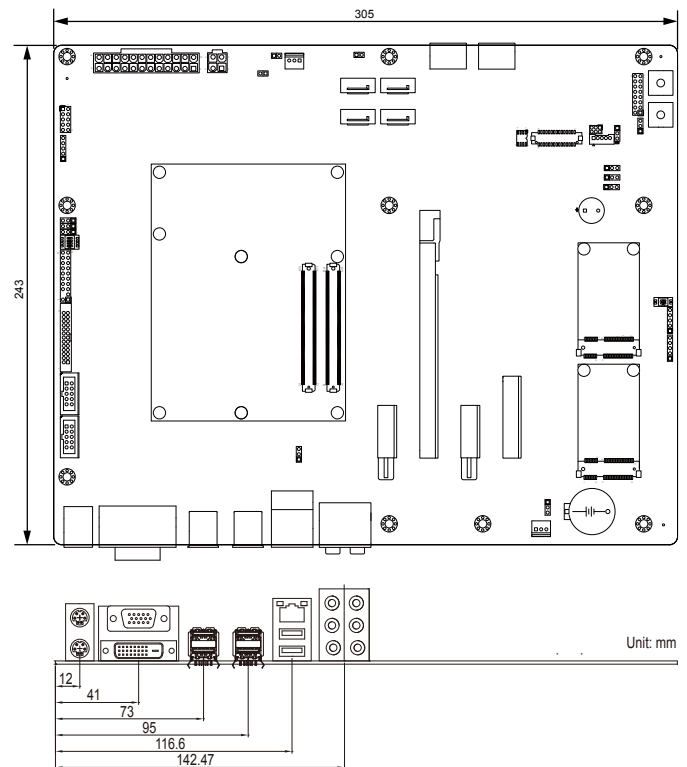
### I/O

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

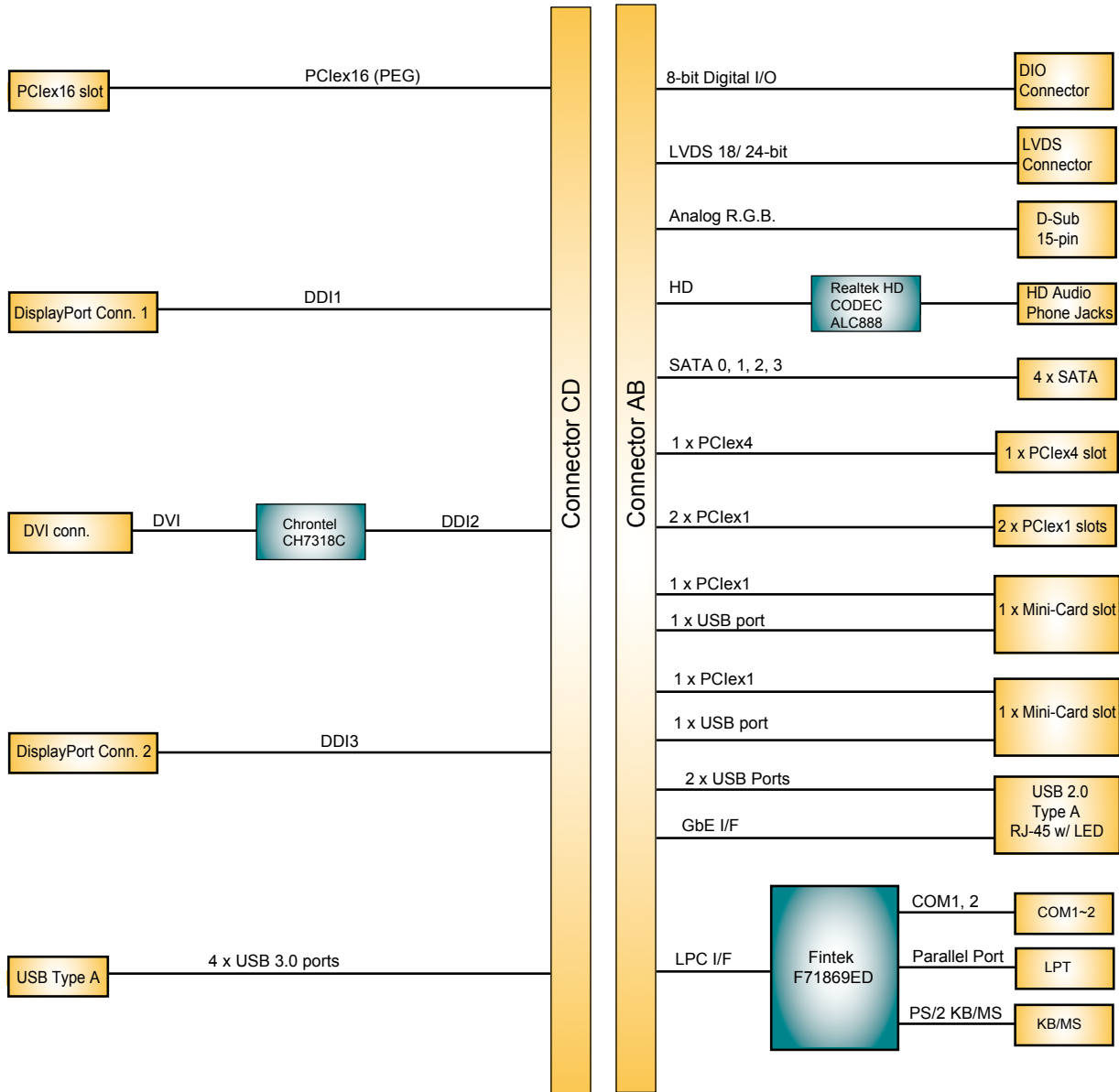
### Mechanical & Environmental

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