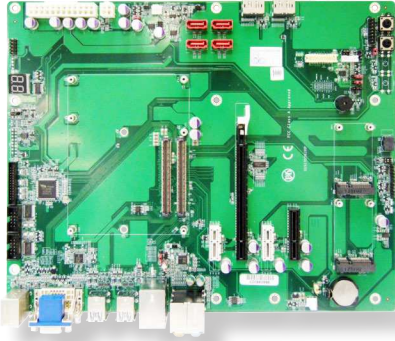


# PBE-1702

## COM Express® Type 6 Evaluation Board in ATX Form Factor



### Features

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

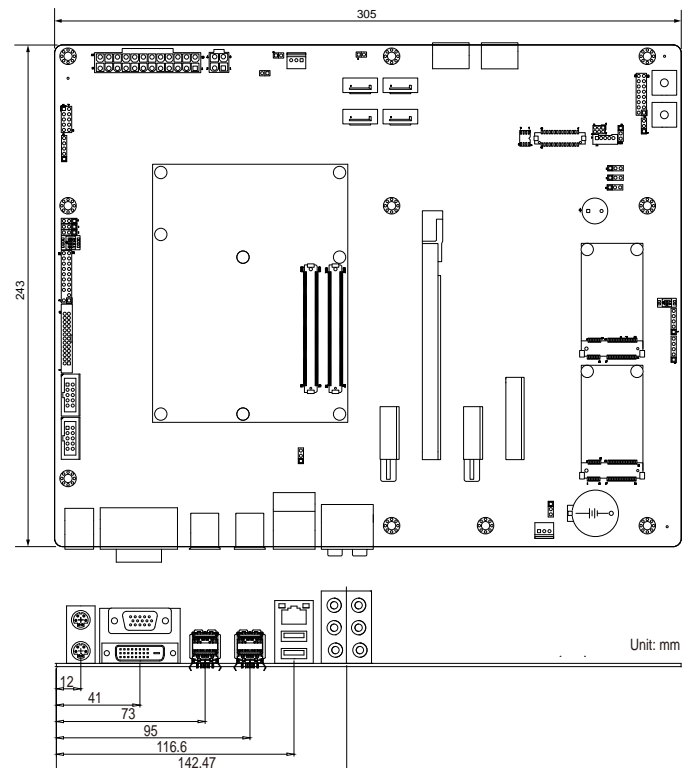
### I/O

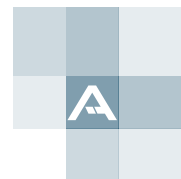
IO Chipset	Fintek F71869ED
Serial Port	2 x COM ports, 2 x Ultra COM ports (depending on CPU module)
Parallel Port	1 x SPP/EPP/ECP mode
USB Port	2 x USB 2.0 ports 4 x USB 3.0 ports (depending on CPU module)
KB/MS	Standard PS/2 keyboard and mouse
Digital I/O	8-bit digital input/output
Expansion Bus	1 x 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	Realtek ALC888 CODEC, Line-in/out, Mic-in, 7.1 + 2 Channel
<b>Display</b>	
Graphic Interface	Analog RGB connector / DisplayPort connector / DVI connector
	1 x LVDS Dual Channels connector

### Mechanical & Environmental

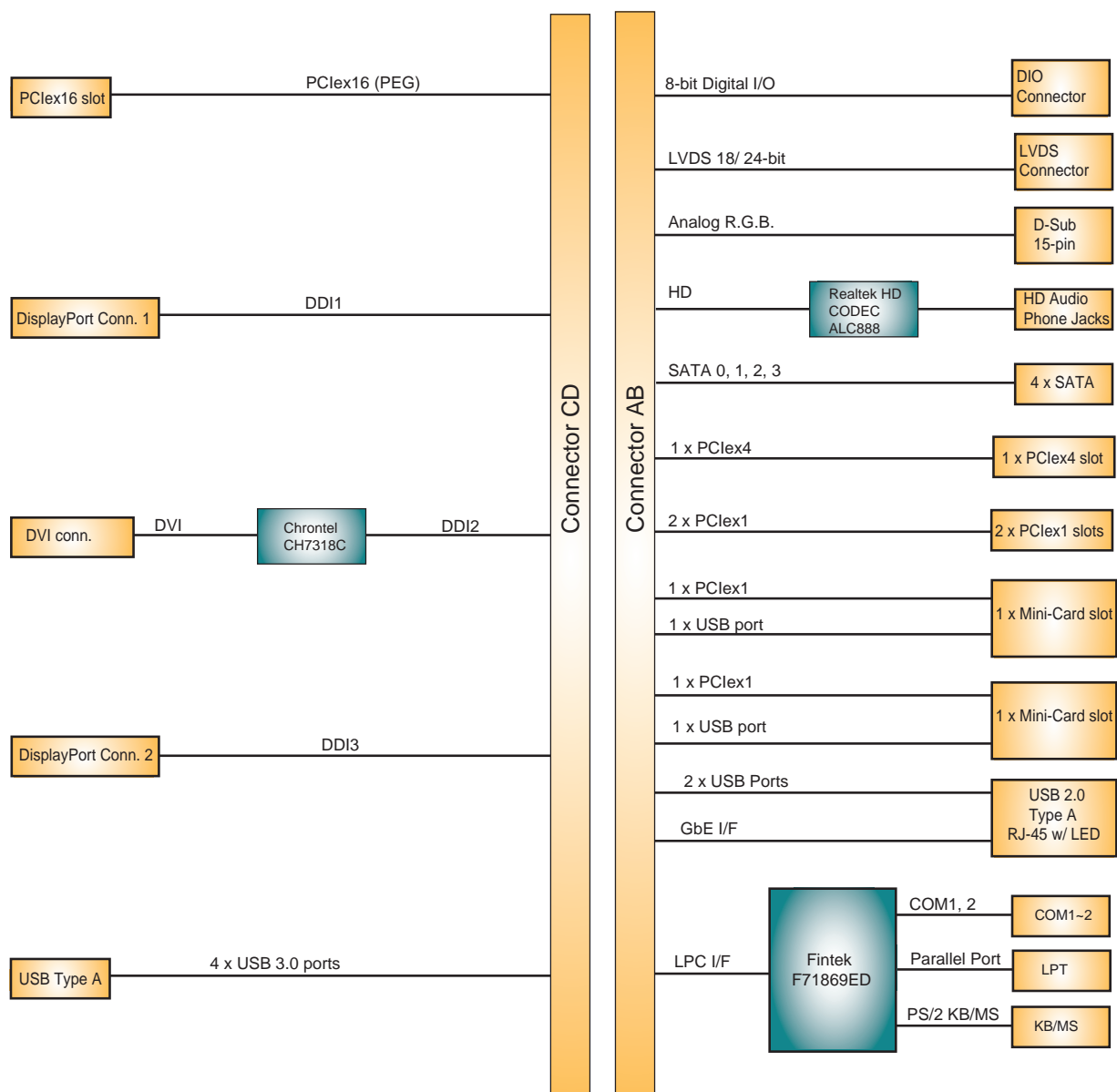
Power Requirement	ATX connector
Power Consumption	2.12A@+12V with EmETXe-i77M2 (Typical)
Operating Temp.	-40 ~ 85°C (-40 ~ 185°F)
Operating Humidity	10 ~ 95% @ 85°C (non-condensing)
Dimensions (L x W)	305 x 243 mm (12" x 9.6")

### Dimensions





## Block Diagram



## Ordering Information

PBE-1702 COM Express® evaluation board in ATX form factor

## Optional Accessories

CBK-04-1702-00 Cable kit  
 1 x USB cable  
 2 x COM-port cables  
 1 x SATA cable