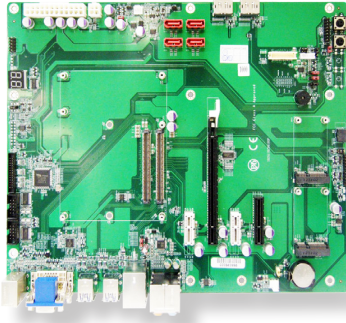




# PBE-1702



COM Express® Type 6 evaluation carrier board in ATX form factor



## Features

- COM Express® Type 6 Evaluation Board
- Dual Gigabit Ethernet Ports
- Dual Channels 24-bit LVDS, DVI, DisplayPort and Analog RGB
- **Wide Range Operating Temp.: -40 ~ 85°C**

### I/O

Super IO Chipset	Fintek F71869ED
Serial Port	2 x RS-232
Keyboard & Mouse	Standard PS/2 keyboard/ mouse connectors
USB 2.0	2 x USB 2.0 ports
Expansion	2 x PCIe x1 slots, 1 x PCIe x 4 slot, 1 x PClex16 slot 2 x Mini-Card sockets
Storage	4 x SATA connector
Ethernet Chipset	1 x by CPU module 1 x Intel 82583V PCIe GbE controller
Digital I/O	8-bit Programmable
Audio	Realtek ALC888 7.1 Channel HD Audio CODEC, Mic-in/ Line-in/ Line-out

### Display

Graphic Interface	Analog RGB/ DVI: 1 x VGA connector, 1 x DVI connector  LCD: 1 x LVDS connector  DDI port: 2 x DisplayPort connector
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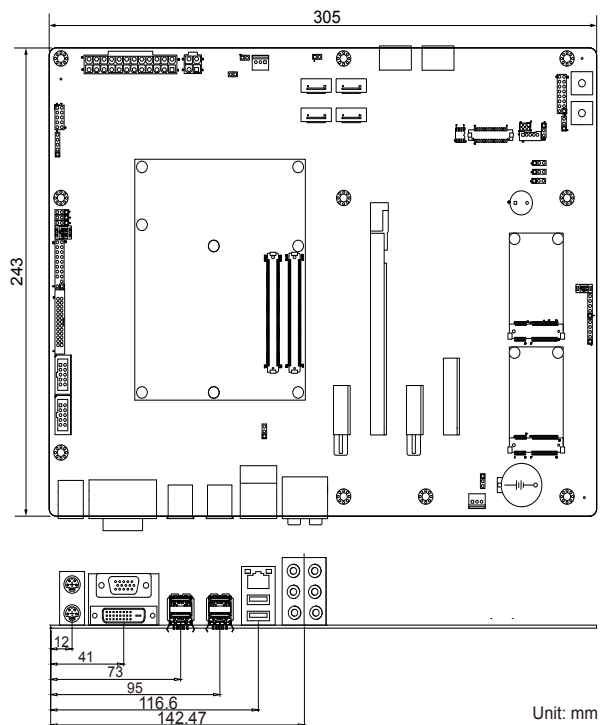
### OS Support

Depends on CPU Module

### Mechanical & Environmental

Power Requirement	ATX
Power Consumption	3.00A@12V with EmETXe-i87M0 (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



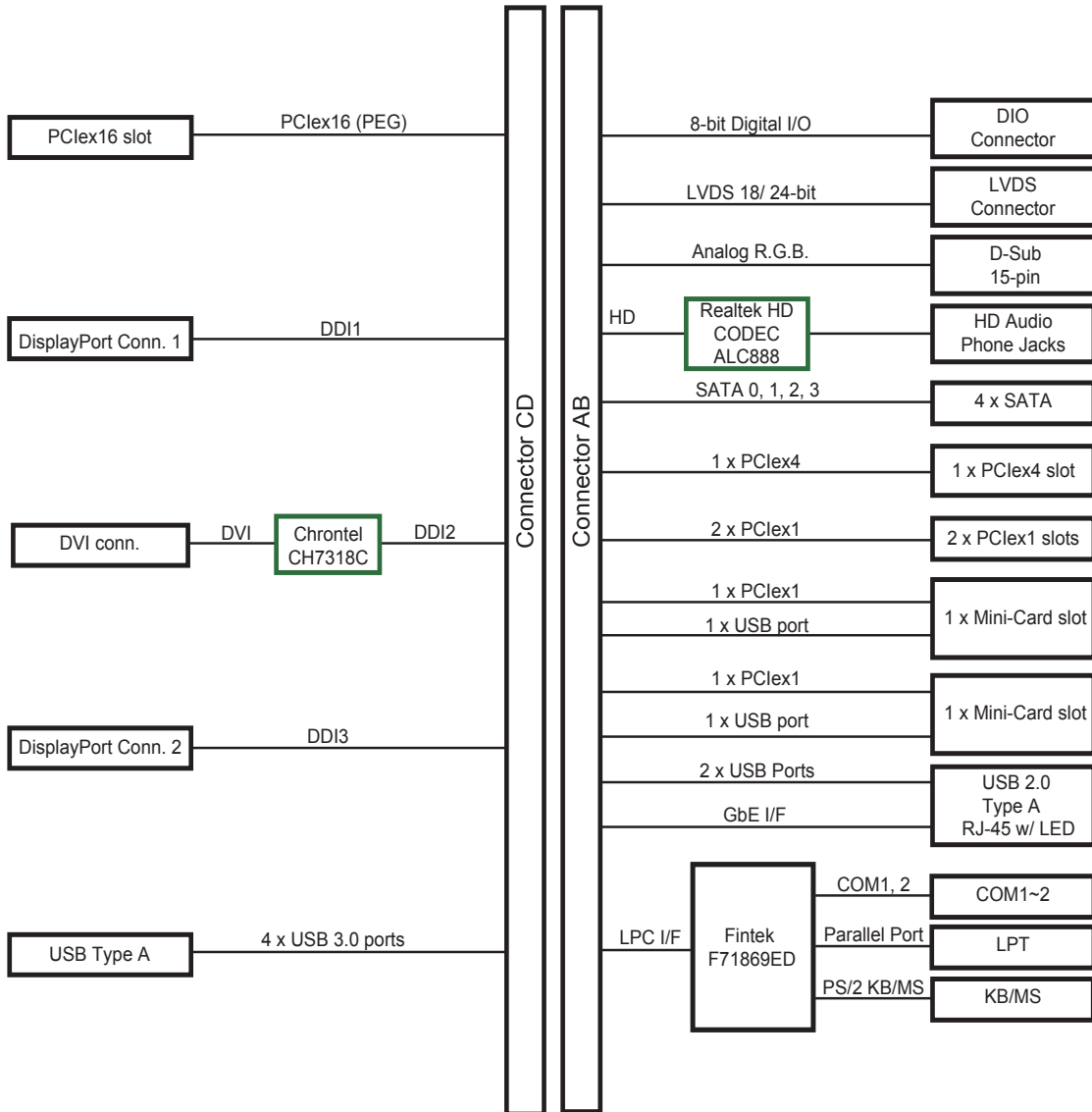
Unit: mm

Computer on Module

All specifications are subject to change without notice.



**Block Diagram**



**Ordering Information**

PBE-1702 COM Express® Type 6 evaluation carrier board with Super IO F71869ED in ATX form factor

**Optional Accessories**

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

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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