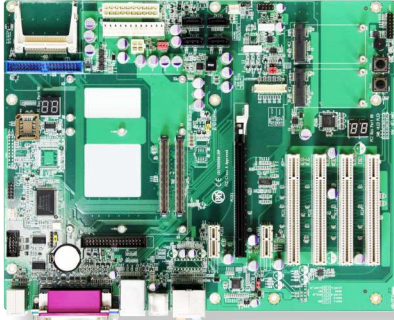


PBE-1700

COM Express® Type 2 Evaluation Board in ATX Form Factor



Features

- Integrated Gigabit Ethernet
- **COM Express® Type 2 Evaluation Board**
- Analog RGB, LVDS and TV-out supported

I/O

I/O Chipset	Winbond W83627HG or Fintek F71869
Serial Port	2 x COM ports (2 x RS-232)
Parallel Port	SPP/EPP/ECP mode
USB Port	6 x USB 2.0 ports
KB/MS	1 x PS/2 keyboard connector 1 x PS/2 mouse connector
Digital I/O	8-bit digital input/output
Expansion Bus	2 x PCIe x1 slots 1 x PCIe x16 slot 4 x PCI slots 2 x Mini-card sockets
Storage	4 x Serial ATA connectors 1 x Ultra ATA 100/66/33 port connector, supporting 2 IDE devices 1 x Floppy disk connector (shared with parallel port) 1 x CompactFlash Type II socket
Ethernet Chipset	1 x RJ-45 Ethernet connector with LED
Audio	Realtek ALC888 7.1 Channel HD Audio CODEC, Mic-in/Line-in/Line-out

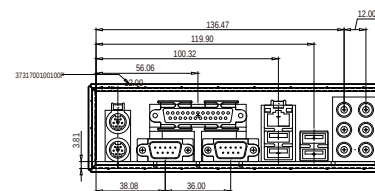
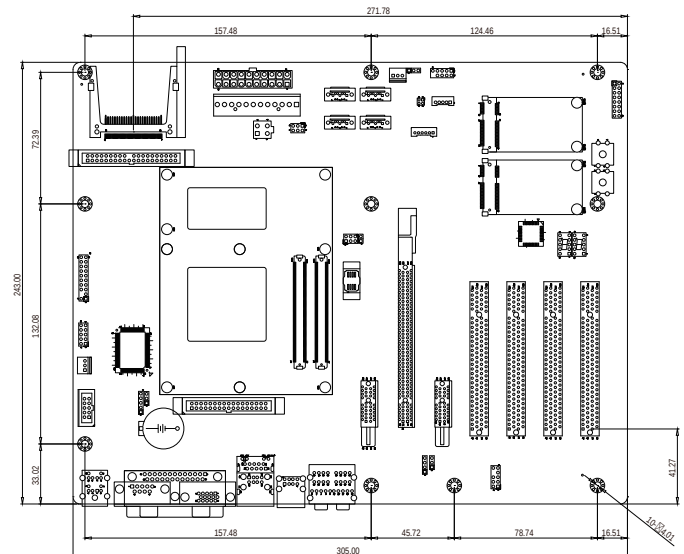
Display

Graphic Interface	Analog RGB, LVDS, TV-out connector (depending on CPU module)
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Mechanical & Environmental

Power Requirement	AT or ATX power connector
Power Consumption	1.11A@+12V with EmETXe-i2503 (Typical)
Operating Temp.	-40 ~ 85°C (-40 ~ 185°F)
Operating Humidity	10 ~ 95% @ 85°C (non-condensing)
Dimensions (L x W)	305 x 244 mm (12" x 9.6")

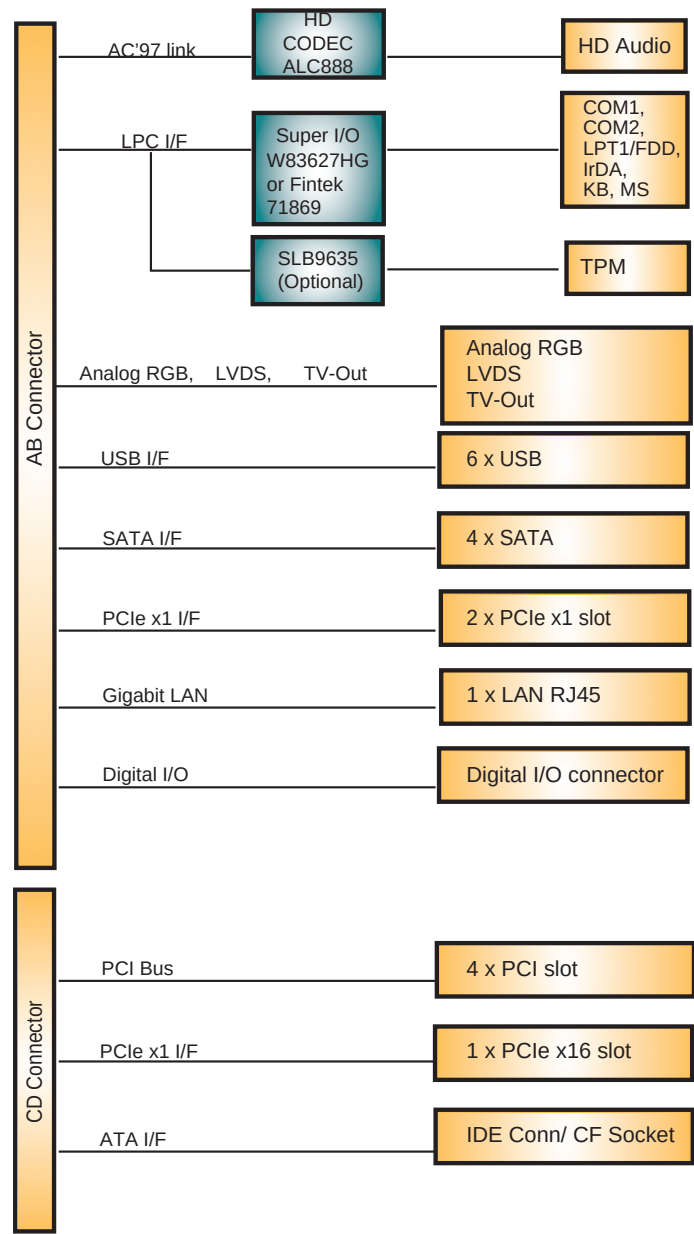
Dimensions



Unit: mm



Block Diagram



Ordering Information

PBE-1700-W R1.3	COM Express® Type 2 evaluation board in ATX form factor with W83627 Super IO
PBE-1700-F R1.3	COM Express® Type 2 evaluation board in ATX form factor with F71869 Super IO

Optional Accessories

CBK-04-1700-00	Cable kit 1 x SATA cable 1 x COM-port cable 1 x FDD cable 1 x IDE cable
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