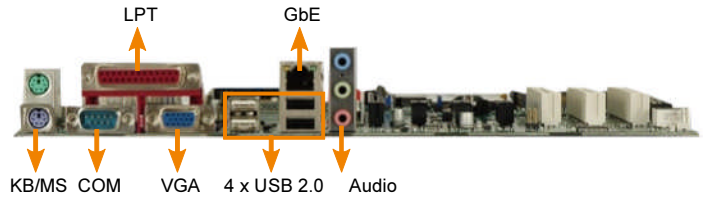
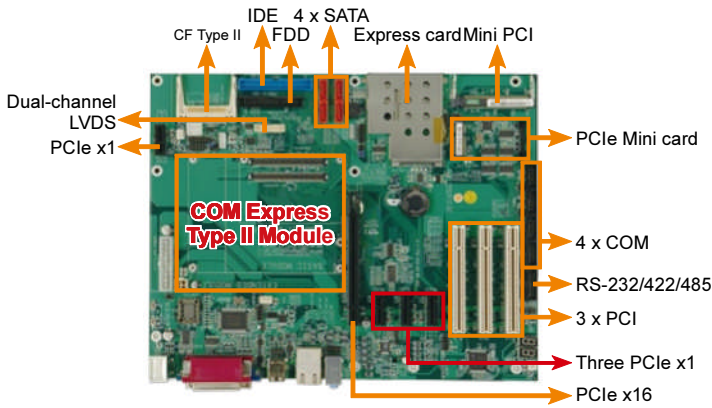


ICE-DB-9S

Base Board for COM Express Type 2 Module



All expansion slot I/O interfaces are supported by CPU module

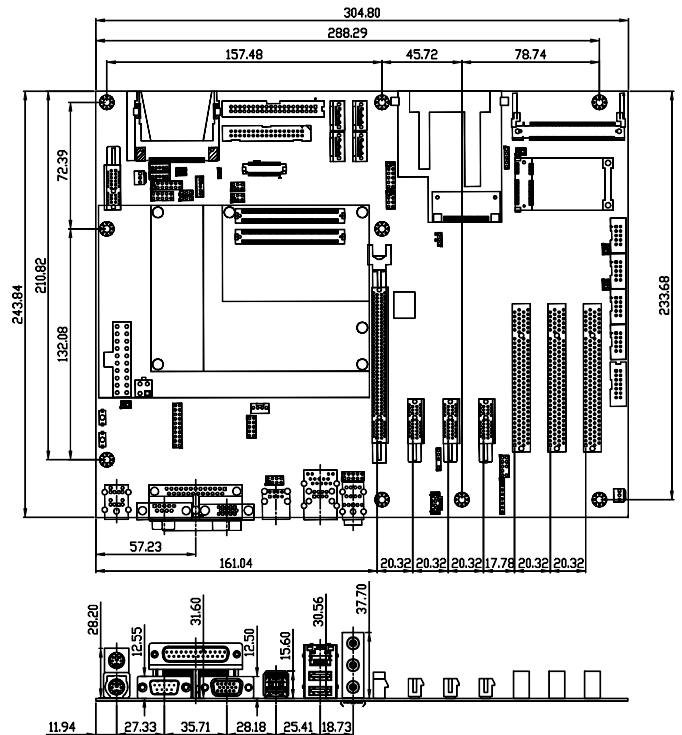
Specifications

- ◆ CPU Module Interface
 - Supports COM Express Compact / Basic module using connector pin out Type 2
- ◆ Display Interface
 - VGA DB15 connector
 - 18/24-bit dual channel LVDS
 - TV-out interface
- ◆ Expansions
 - 1 x PCIe x16
 - 4 x PCIe x1
 - 3 x PCI, 32 bit / 33 MHz PCI bus
 - 1 x PCIe Mini card
 - 1 x Express Card
 - 1 x Mini PCI
- ◆ I/O Interface
 - 4 x SATA/SATA 3Gb/s
 - 1 x IDE
 - 1 x CF Type II
 - 1 x FDD
 - 1 x RS-232/422/485
 - 2 x PS/2 KB/MS
 - 6 x USB 2.0
 - 1 x LPT
 - 5 x RS-232 (COM2/COM3 with 5V/12V power)
- ◆ Audio
 - Realtek ALC888 for 7.1 channels HD Audio
 - 1 x Mic-in, Lin-in, Lin-out connector
 - 1 x Front audio
- ◆ Ethernet Connector
 - 1 x RJ-45 connector for GbE
- ◆ Super I/O
 - First Super I/O: Winbond W83627EHG
 - Second Super I/O: Fintek F81216
- ◆ Digital I/O
 - 8-bit digital I/O, 4-bit input/4-bit output by Winbond W83627EHG
 - 8-bit digital I/O, 4-bit input/4-bit output by Fintek F75111R
- ◆ Infrared Interface
 - 1 x Infrared interface by pin header
- ◆ Power Supply
 - ATX / AT support
- ◆ Fan
 - 3 x Fan connector (FAN1 supports smart fan for CPU)
- ◆ Operation Temperature: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Operation Humidity: 5% ~95% non-condensing
- ◆ Dimensions: 304.8 mm x 243.8 mm (12" x 9.6")

Features

1. ATX form factor base board for COM Express Type 2 module
2. Support one PCIe x16, four PCIe x1, three PCI for expansions
3. Second I/O interface supports up to six COM ports
4. COM2 /COM3 with 5V/12V power by jumper selection

Dimensions (Unit: mm)



Ordering Information

Part No.	Description
ICE-DB-9S-R10	Base board for COM express Type 2 Modules
19800-000082-RS	RS-232/422/485 cable
32102-000100-200-RS	SATA power cable
32200-000052-RS	40-pin 3.5" IDE cable
32200-000017-RS	FDD cable
19800-000400-100-RS	LPT cable

Packing List

1 x COM express base board
1 x Dual ports RS-232 cable (P/N: 19800-000051-RS)
2 x SATA cable (P/N: 32000-062800-RS)
1 x Mini jumper pack
1 x Utility CD
1 x QIG