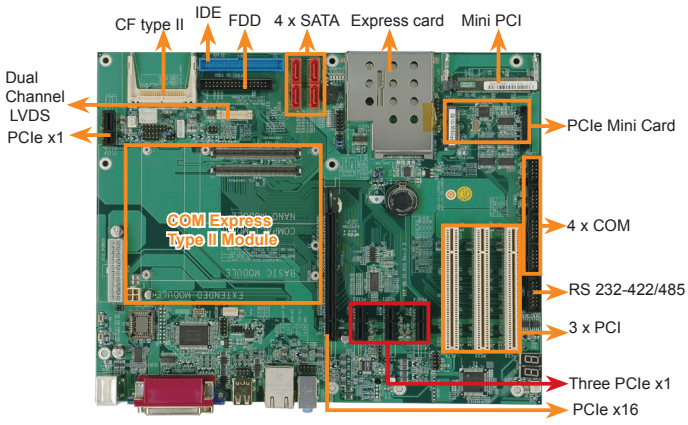
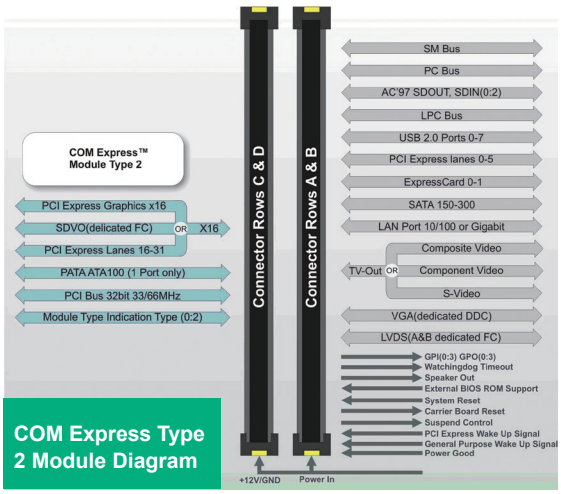
ICE-DB-9S

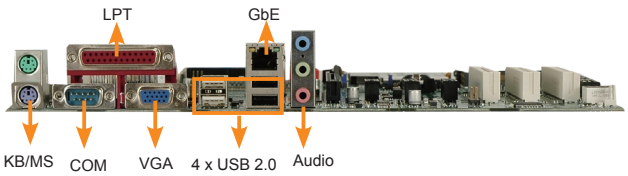
Base Board for COM Express Type 2 modules



All Expansion slot/IO interface support by CPU mdoule



COM Express Type 2 Module Diagram



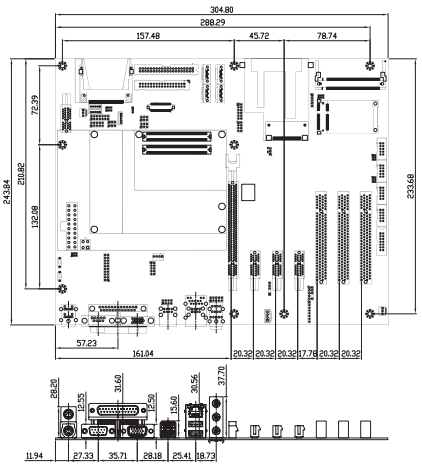
Specifications

- CPU Module interface
  Supports COM Express Compact / Basic / Extended modules using connector pinout Type 2
- Display Interface
  VGA DB15 connector
  18/24 bit dual channel LVDS
  TV-out interface
- Expansion slot
  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 II
  1 x IDE
  1 x CF type II
  5 x RS-232 (COM2/COM3 with 5V/12V power)
  1 x RS-232/422/485
  2 x PS2 KB/MS
  6 x USB 2.0
  1 x LPT
  1 x FDD
- 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
  Fisrt Super I/O: Winbond W83627EHG
  Sencond 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 F81216
- Infrared Interface
  1 x Infrared interface by pin header
- Power Supply
  ATX / AT support
- Fan
  3 x Fan Connector, Support smart fan for CPU Fan (FAN1)
- Temperature
  operation: 0°C ~ 60°C (32°F ~ 140°F)
- Humidity
  operation: 5% ~95 non-condensing
- Dimension
  304.8 mm x 243.8 mm (12" x 9.6")

Features

1. ATX Form factor Base board for COM Express type 2 Modules
2. Support 1x PCIe x16/4x PCIe x1, 3x PCI for Expansions
3. Second support I/O support up to 6x COM Ports
4. COM2/COM3 with 5V/12V power by jumper selection

Dimensions (mm)



Packing List

1 x COM Express Base Board
2 x SATA Cable (P/N: 32000-062800-RS)
1 x Dual Ports RS232 Cable (P/N: 19800-000051-RS)
1 x Mini Jumper Pack
1 x QIG (Quick Installation Guide)

Ordering Information

Part No.	Description
ICE-DB-9S-R10	Base board for COM Express Type II Modules
19800-000082-RS	RS-232/422/485 cable
32100-088600-RS	SATA Power cable
32200-000052-RS	40pin 3.5" IDE cable
32200-000017-RS	FDD cable
19800-000049-RS	LPT cable