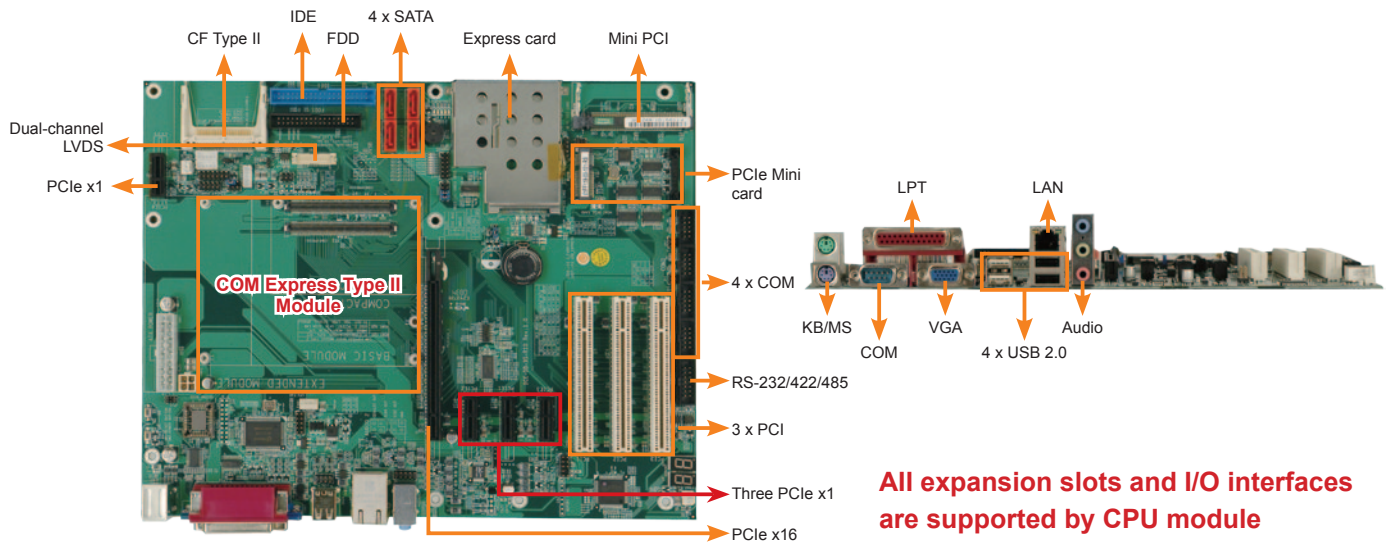


# ICE-DB-9S

Baseboard for COM Express Type 2 Module



**All expansion slots and I/O interfaces are supported by CPU module**

## Specifications

- ◆ CPU Module Interface
  - Supports COM Express Compact/Basic module using connector pinout Type 2
- ◆ Display Interface
  - VGA DB-15 connector
  - 18/24-bit dual-channel LVDS
  - TV-out interface
- ◆ Expansions
 

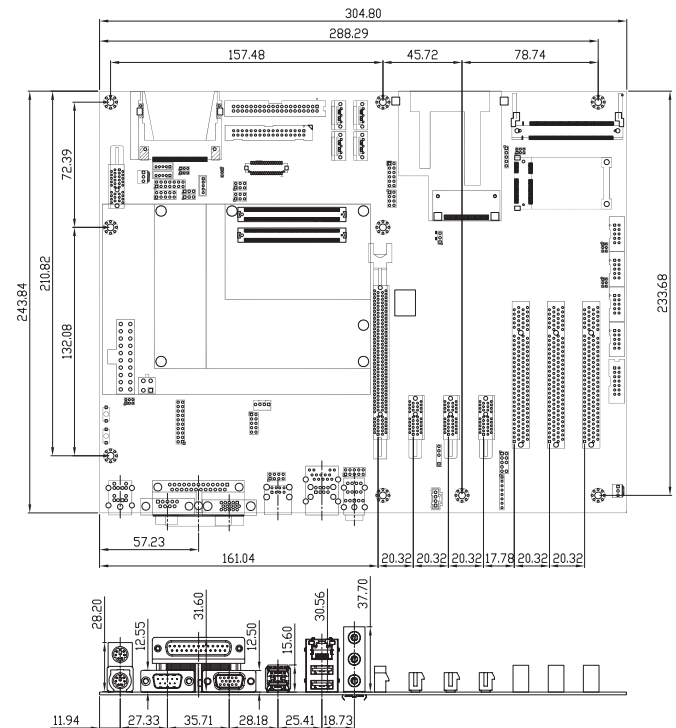
1 x PCIe x16	4 x PCIe x1
1 x Mini PCI	1 x PCIe Mini card
3 x PCI, 32-bit/33 MHz PCI bus	1 x Express Card
- ◆ I/O Interface
 

1 x IDE	4 x SATA/SATA 3Gb/s
1 x FDD	1 x CF Type II
1 x LPT	1 x RS-232/422/485
2 x PS/2 KB/MS	6 x USB 2.0
5 x RS-232 (COM2/COM3 with 5V/12V power)	
- ◆ Ethernet Connector
  - 1 x RJ-45 connector for GbE
- ◆ Audio
  - Realtek ALC888 for 7.1 channels HD Audio
  - 1 x Mic-in, Lin-in, Lin-out connector
  - 1 x Front audio
- ◆ 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 Connector
  - 3 x Fan connector (FAN1 supports smart fan for CPU)
- ◆ Operating Temperature
  - 0°C ~ 60°C
- ◆ Storage Temperature
  - 10°C ~ 70°C
- ◆ Operating Humidity
  - 5% ~ 95%, non-condensing
- ◆ Dimensions
  - 304.8 mm x 243.8 mm (12" x 9.6")

## Features

1. ATX form factor baseboard 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)



## Packing List

1 x COM Express baseboard
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

## Ordering Information

Part No.	Description
ICE-DB-9S-R10	Baseboard for COM Express Type 2 modules
19800-003800-100-RS	RS-232/422/485 cable
32102-000100-200-RS	SATA power cable
32225-002000-200-RS	40-pin 3.5" IDE cable
32200-000017-RS	FDD cable
19800-000049-RS	LPT cable

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