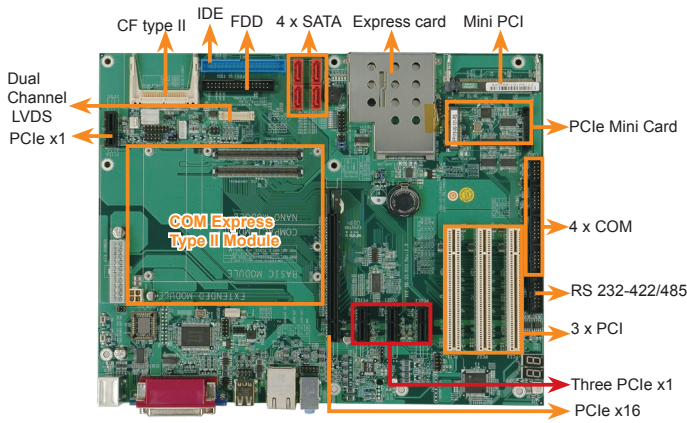
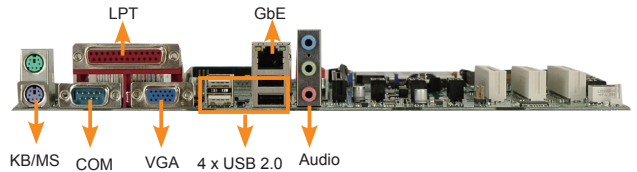
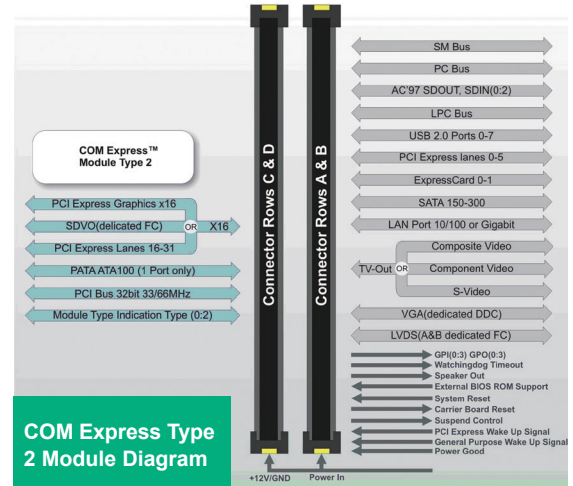


# ICE-DB-9S

## Base Board for COM Express Type 2 modules



All Expansion slot/IO interface support by CPU module



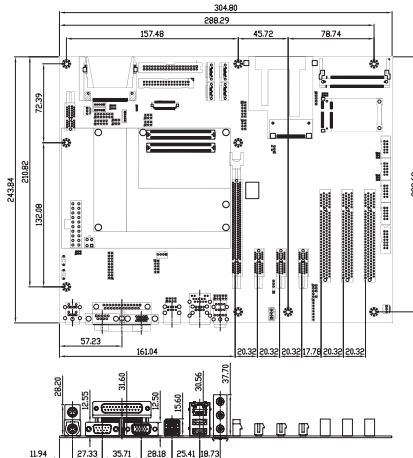
### Specifications

- ◆ 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  
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 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