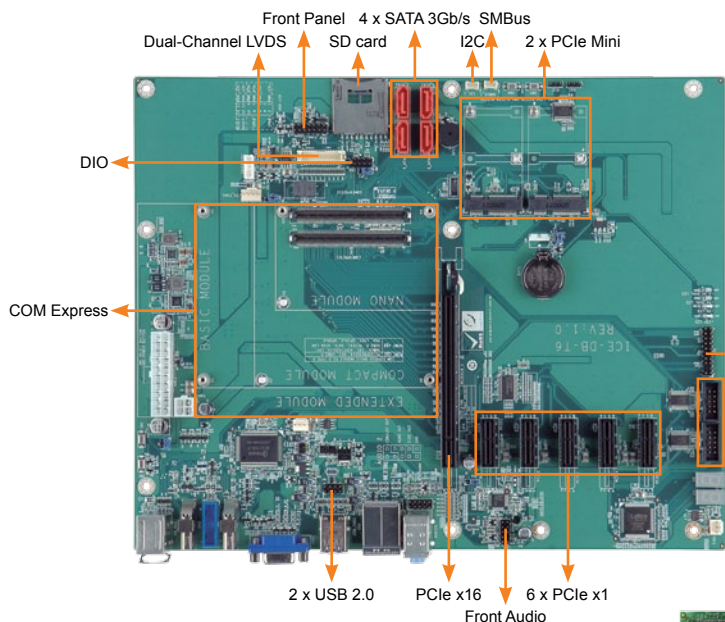


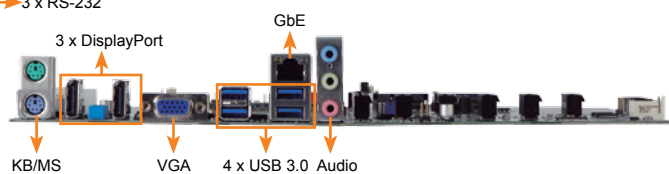
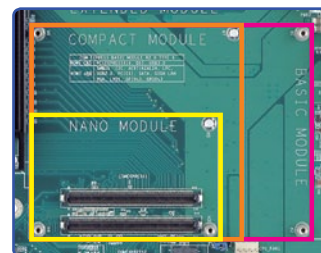
# ICE-DB-T6 Baseboard for COM Express Type 6 Module



Three DisplayPort for Three DDI



Three Sizes and Two Types (Type 6 & Type 10) Compatible



## Specifications

- ◆ Form Factor  
ATX form factor baseboard
- ◆ CPU  
Supports COM Express Compact / Basic module using connector pin out Type 6
- ◆ Display Interfaces  
1 x 18/24-bit single/dual-channel LVDS  
1 x VGA  
3 x DisplayPort (2 x real connectors, 1 x pin header)
- ◆ Super I/O  
W83627DHG
- ◆ Audio  
Realtek ALC892 HD audio codec (Line-in, Line-out, Mic)
- ◆ Expansions  
1 x PCIe x16                    6 x PCIe x1  
2 x PCIe Mini (with USB)    1 x LPC
- ◆ Internal I/O Interface  
4 x SATA port                    2 x RS-232 from COM Express (only TX, RX and GND)  
2 x RS-232 from SIO            1 x PS2 KB/MS  
2 x USB 2.0                      1 x SD
- ◆ Rear I/O  
1 x VGA                          4 x USB 3.0  
1 x RJ-45                         3 x DisplayPort  
1 x Audio jack (Line-in, Line-out, Mic)
- ◆ Front Audio  
2 x 5-pin header
- ◆ TPM  
2 x 10-pin header
- ◆ 80 port  
2 x 7 segment display
- ◆ Front Panel  
1 x Front panel connector (power LED, HDD LED, speaker/buzzer, power button, reset button)
- ◆ I2C  
1 x 4-pin wafer
- ◆ SMBus  
1 x 4 pin wafer
- ◆ Watchdog Timer  
Software programmable supports 1~255 sec. system reset
- ◆ GPIO  
8-bit GPIO (GPIO from iWDD co-lay SDIO)
- ◆ Power Supply  
ATX/AT power supply
- ◆ Battery  
Supports smart battery charger connector
- ◆ Fan Connector  
1 x 4-pin / 1 x 3-pin CPU module fan connector  
1 x 3-pin system fan connector by SIO
- ◆ Operating Temperature  
-10°C ~ 60°C
- ◆ Operating Humidity  
5% ~ 95%, non-condensing
- ◆ Dimensions  
304.8 mm x 243.8 mm (12" x 9.6")



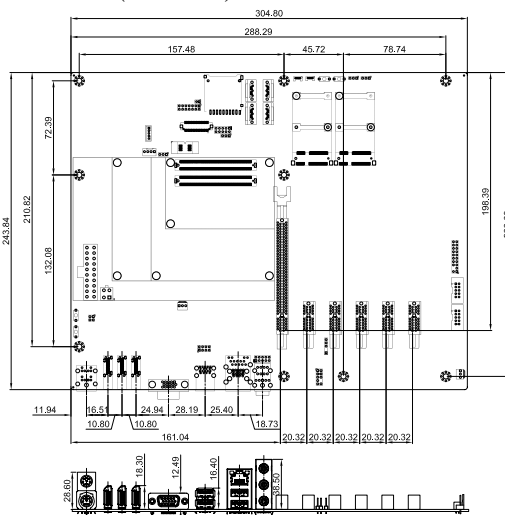
TPM 1.2 Support



## Features

1. ATX form factor baseboard for COM Express Rev. 2, Pin-out Type 6
2. Supports one PCIe x16, six PCIe x1 and two PCIe Mini
3. Supports smart battery charger

## Dimensions (Unit: mm)



## Packing List

1 x COM Express baseboard	
1 x Dual-port RS232 cable (P/N: 19800-000051-RS)	1 x Mini jumper pack
2 x SATA cable (P/N: 32000-062800-RS)	1 x Utility CD
1 x One Key Recovery CD	1 x QIG

## Ordering Information

Part No.	Description
ICE-DB-T6-R10	Baseboard for COM Express Type 6 modules
19800-000082-RS	RS-232/422/485 cable
32102-000100-200-RS	SATA power cable

1 Industrial Computing Solutions

2 Video Capture Solutions

3 Embedded Computing Solutions

4 Power Supply/Peripherals

5 Panel Solutions Introduction