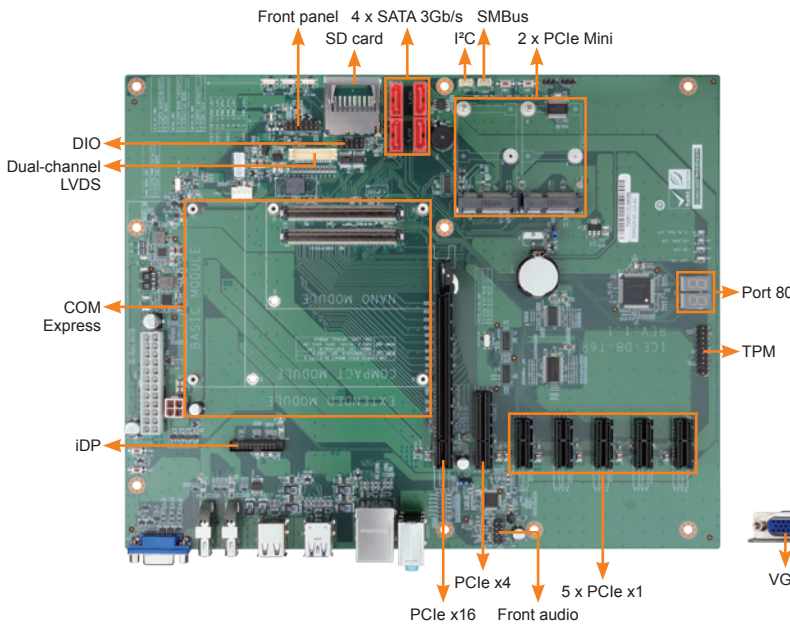


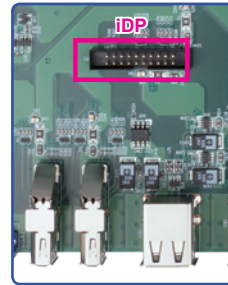
TYPE 6

ICE-DB-T6R

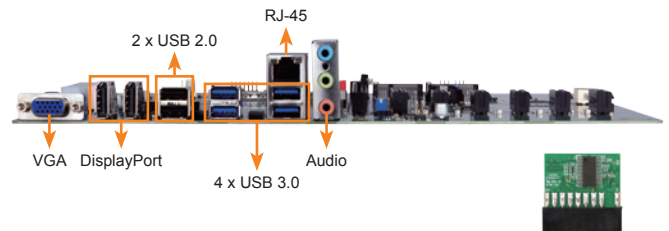
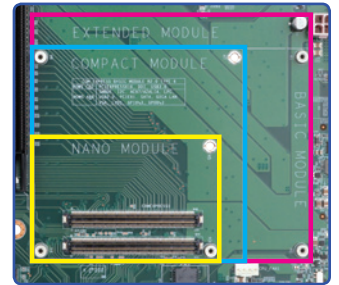
Baseboard for COM Express Type 6 Module COM.0 Rev. 2.1
(for ICE-ULT3, ICE-QM871 & ICE-BT-T6)



IEI iDP for evaluation of other display interface



Three Sizes and Two Type (Type 6 & Type 10) compatible



TPM 1.2 Support

Specifications

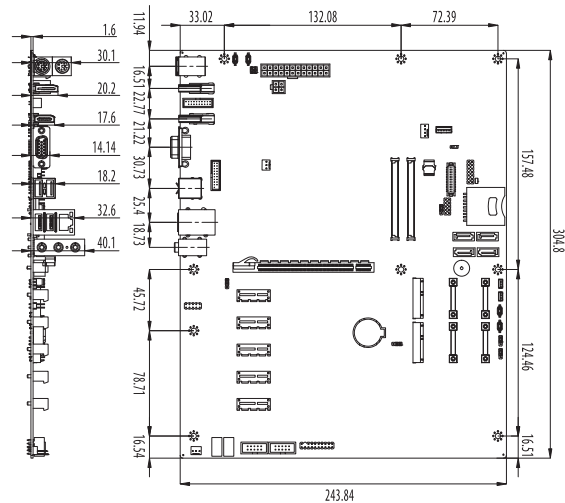
- ◆ Form Factor
 - ATX form factor baseboard
- ◆ CPU
 - Supports COM Express Compact/Mini module using connector pin out Type 6
- ◆ Display Interfaces
 - 1 x DisplayPort connectors
 - 1 x LVDS 18/24-bit single or dual-channel (with PWM back light controller)
 - 1 x VGA
 - 2 x DisplayPort pin-header
- ◆ Audio
 - Realtek ALC662 HD Audio codec (Line-in, Line-out, Mic)
- ◆ Expansion
 - 1 x LPC
 - 1 x PCIe x4
 - 1 x PCIe x16
 - 5 x PCIe x1
 - 2 x PCIe Mini (MINIPICIE1 with mSATA support, colay with SATA_4)
- ◆ Internal I/O Interface
 - 1 x PS2 KB/MS
 - 4 x SATA port
 - 1 x SD card socket
- ◆ External I/O Interface
 - 1 x Audio jack (Line-in, Line-out, Mic)
 - 1 x RJ-45
 - 1 x DisplayPort connectors
 - 1 x VGA
 - 1 x HDMI
 - 2 x USB 2.0
 - 1 x PS2 KB/MS
 - 4 x USB 3.0
- ◆ Front Audio
 - 2 x 5-pin pin header
- ◆ TPM
 - 1 x TPM (2x10 pin)
- ◆ 80 port
 - 2 x 7 segment display
- ◆ Front Panel
 - 1 x Front panel (2x7 pin, power LED, HDD LED, speaker/buzzer, power button, reset button)
- ◆ I²C
 - 1 x 4-pin wafer
- ◆ SMBus
 - 1 x 4-pin wafer
- ◆ Internal storage
 - EEPROM (supports EAP1 R1.0)
- ◆ Watchdog Timer
 - Software programmable supports 1~255 sec system reset
- ◆ GPIO
 - 8-bit GPIO
- ◆ Power Supply
 - ATX / AT Power Supply
 - 24+4 pins
- ◆ 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
 - 20°C ~ 60°C
- ◆ Storage Temperature
 - 30°C ~ 70°C
- ◆ Operating Humidity
 - 5% ~ 95 non-condensing
- ◆ Dimensions
 - 304.8 mm x 243.8 mm (12" x 9.6")



Features

- ATX form factor baseboard for COM.0 Rev. 2.1, pin-out Type 6
- Support one PCIe x16, one PCIe x4, five PCIe x1, two PCIe Mini
- Support PICMG EAP1 R1.0

Dimensions (Unit: mm)



Packing List

1 x COM Express baseboard	1 x Mini jumper pack
2 x SATA cable	1 x QIG

Ordering Information

Part No.	Description
ICE-DB-T6R-R11	Baseboard for COM Express Type 6 Module COM.0 Rev. 2.1, support PICMG EAP1 R1.0
32102-000100-200-RS	SATA power cable, MOLEX 5264-4P to SATA15P