

# ICE-DB-T7-i2

Base Board for COM Express Type 7 Module COM.0 Rev. 2.1



## Features

- » ATX form factor baseboard for COM.0 Rev. 3.0, pinout Type 7
- » Support 1 x PCIe x8 for 10GbE PHY card
- » Support 32 PCIe lanes
- » Support PICMG EAPI R1.0
- » Support IPMI 2.0 via iRIS-2400 module

## Specifications

| Physical Characteristics |  |
|--------------------------|--|
| Dimensions (LxWxH) (mm)  | 304.8 X 243.8  |
| Storage                  |  |
| Storage                  | 2 x SATA   |
| I/O Interface            |  |
| Display Output           | 1 x VGA :depends on CPU sku                                  |
| Ethernet                 | 1 x LAN  |
| I/O Interface            | 4 x Internal RS-232 :2 x from COM Express (only TX, RX, GND) |
|                          | 2 x from SIO   |
|                          | 4 x External USB 3.2 Gen1x1                                  |
| Expansion                |  |
|                          | 1 x PCIe x16 :Gen 3 signal                                   |
|                          | 1 x PCIe x8 :x8 Gen 3 signal                                 |
|                          | 2 x PCIe x4 :1 x(x4 Gen 2 signal)                            |
|                          | 1 x (x1 Gen 2) (x4 signal option)                            |
|                          | 1 x PCIe x1 :x1 Gen 2  |
|                          | 1 x PCIe mini Card Slot                                      |
| Other Features           |  |
| TPM                      | 2x 10 pin pin header support LPC interface                   |
| iRIS                     | 1 X iRIS-200 slot  |
| Power                    |  |
| Power Supply             | Support AT/ATX mode  |
|                          | 24+4 pin   |
| Battery                  | -40°C ~ 85°C   |
| Environment              |  |
| Humidity                 | 5% ~ 95%, non-condensing                                     |
| Certifications           |  |
| Safety & EMC             | CE/FCC compliant   |

## Ordering Information

---

|                  |  |
|------------------|--|
| ICE-DB-T7-i2-R10 | Baseboard for COM Express Type 7 Module COM.0 Rev. 2.1 |
|------------------|--|

## Packing List

---

|                                       |                      |
|---------------------------------------|----------------------|
| 1 x COM Express Baseboard             | 1 x Mini jumper pack |
| 1 x SATA cable (P/N: 32000-062800-RS) | 1 x QIG              |