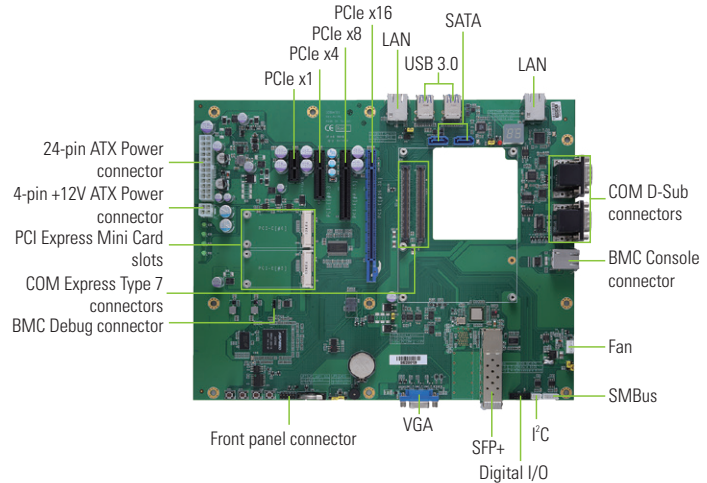


CEB94701 NEW

COM Express Type 7 Development Baseboard

Features

- Two 10GBASE-KR SFP+ ports
- 2 SATA-600
- VGA
- 4 USB 3.0
- 2 PCI Express Mini Card slots
- 2 RS-232/422/485



Core System

| | |
|-----------------------|--|
| CPU | On the module |
| System Memory | On the module |
| Chipset | SoC integrated |
| BIOS | On the module |
| SSD | N/A |
| Watchdog Timer | On the module |
| Expansion Interface | 2 x Full-size PCI Express Mini Card slot (one for optional) 1 x PCIe x16 1 x PCIe x8 1 x PCIe x4 1 x PCIe x1 |
| Battery Lithium | Lithium 3V/220 mAh |
| Power Input | 1 x 24-pin ATX connector 1 x 4-pin 12V connector (for module power supply) |
| Dimensions | 244 x 305 mm |
| Board Thickness | 1.6 mm |
| Operating Temperature | -20°C to +70°C (-4°F to +158°F) |
| Humidity | 10% to 95% relative humidity, non-condensing |

I/O

| | |
|---------------------|--|
| SATA | 2 x SATA-600 |
| Hardware Monitoring | Yes |
| Ethernet | 1 x 10/100/1000 Mbps Ethernet 2 x 10GBASE-KR (SFP+) |
| Audio | Buzzer |
| USB | 4 x USB 3.0/2.0 |
| Serial | 2 x RS-232/422/485 2 x TX/RX |
| TPM | On module |
| SMBus | Yes |
| Others | 1 x iFC |
| GPIO | 4-CH in & 4-CH out |
| Display | 1 x VGA |

Packing List

Quick installation guide; user's manual/utility CD

Ordering Information

| Standard | |
|-------------------------------|--|
| CEB94701 (P/N: E394701100) | COM Express Type 7 development board with two 10GBASE-KR Ethernet ports |
| Compliant Modules | |
| CEM700-D1577 | COM Express Type 7 basic module with Intel® Xeon® D-1577, 10GBASE-KR, USB 3.0 and TPM |
| CEM700-D1539 | COM Express Type 7 basic module with Intel® Xeon® D-1539, 10GBASE-KR, USB 3.0 and TPM |
| CEM700-D1548 | COM Express Type 7 basic module with Intel® Xeon® D-1548, 10GBASE-KR, USB 3.0 and TPM |
| CEM700-D1527 | COM Express Type 7 basic module with Intel® Xeon® D-1527, 10GBASE-KR, USB 3.0 and TPM |
| CEM700-D1519 | COM Express Type 7 basic module with Intel® Pentium® D-1519, 10GBASE-KR, USB 3.0 and TPM |
| CEM700-D1508 | COM Express Type 7 basic module with Intel® Xeon® D-1508, 10GBASE-KR, USB 3.0 and TPM |

