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
- Two 10GBASE-KR Ethernet ports
- 64-bit 4-core Intel® Xeon® D processor
- 24-pin ATX Power connector
- 4-pin +12V ATX Power connector
- 2x PCI Express Mini Card slots
- COM Express Type 7 connectors
- BMC Debug connector
- Fan
- SMBus
- Digital I/O
- 24-pin ATX Power connector
- 4-pin +12V ATX Power connector

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

I/O
- SATA: 2 x SATA-600
- Hardware Monitoring: Yes
- Ethernet: 1 x 10/100/1000 Mbps Ethernet, 2 x 100BASE-KR (SFP+)
- Audio: Buzzer
- USB: 4 x USB 3.0/2.0
- Serial: 2 x RS-232/422/485
- TPM: On module
- SMBus: Yes
- Others: 1 x T/R
- GPIO: 4-CH in & 4-CH out
- Display: 1 x VGA

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