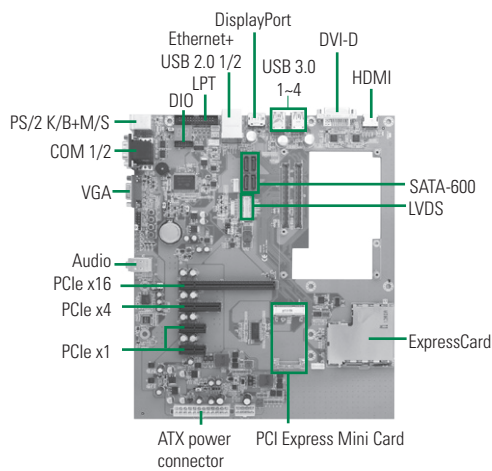


CEB94006

COM Express™ Type 6 Development Baseboard



System

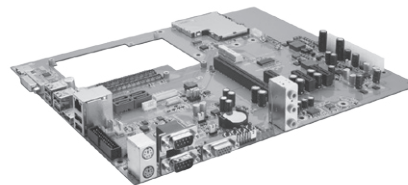
CPU	COM Express™ type 6 module
System Memory	On the module
Chipset	SoC integrated
BIOS	On the module
SSD	N/A
Watchdog Timer	255 levels, 1~255 sec.
Expansion Interface	1 x PCIe x16 slot 1 x PCIe x4 slot 1 x PCI Express Mini Card 1 x ExpressCard slot 2 x PCIe x1 slot
Battery	Lithium 3V/220mAH
Power Requirements	TBD
Size	244 x 291 mm
Board Thickness	1.6 mm
Temperature	0°C ~ +60°C (32°F ~ 140°F), operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	1 x PS/2 Keyboard and mouse 1 x LPT 2 x RS-232
SATA	4 x SATA-600 connector
Hardware Monitoring	Detect CPU/system temperature, voltage and fan speed
Ethernet	1 x RJ-45 for 10/100/1000 Mbps
Audio	HD audio with Line-in/Line-out/MIC-in
USB	2 x USB 2.0, 4 x USB 3.0
SPI	Yes
SMBus	Yes
Digital I/O	8 Channels (4-IN & 4-OUT)
Port 80 Display	Dual 7 segments Port 80 display for convenient debugging purpose through LPC interface
Display	1 x LVDS; 18/24-bit single/dual channel 1 x VGA 1 x DisplayPort 1 x HDMI 1 x DVI-D

Features

- COM Express™ type 6 baseboard for evaluation purpose
- USB 3.0 supported
- Port 80 display for debugging
- Switch button for PWRBTN, RESET, SLEEP, LID



▲ Side view

Packing List

Quick installation guide, user's manual/utility CD

Ordering Information

Standard	
CEB94006DGA (P/N: E394006100)	COM Express™ type 6 evaluation baseboard with PCI Express Mini Card, 1 GbE LAN, DisplayPort/HDMI and multiple I/O features
Compliant Modules	
CEM860	COM Express type 6 compact module with 2th generation Intel® Core™ i7/i5/i3 and Celeron®, DP/LVDS/VGA, 10/100/1000Mbps Ethernet
CEM880	COM Express type 6 compact module with 5th/4th generation Intel® Core™ i7/i5/i3 and Celeron®, DP/LVDS/VGA, 10/100/1000Mbps Ethernet and USB 3.0
CEM881	COM Express type 6 compact module with 5th/4th generation Intel® Core™ i7/i5/i3 and Celeron®, DP/LVDS, 10/100/1000Mbps Ethernet and USB 3.0
CEM842/3	COM Express type 6 compact module with intel® E3845/J1900/N2807, DP/VGA/LVDS, 10/100/1000Mbps Ethernet

- SBC Services and Solutions
- 2** Systems on Modules
- Embedded SBCs >EPIC
- Embedded SBCs >3.5" Capa
- Embedded SBCs >Nano-ITX
- Embedded SBCs >Pico-ITX
- Embedded SBCs >PC/104
- Industrial Mother-boards
- Slot CPU Cards
- ARM Embedded Boards
- Accessories
- Appendix

