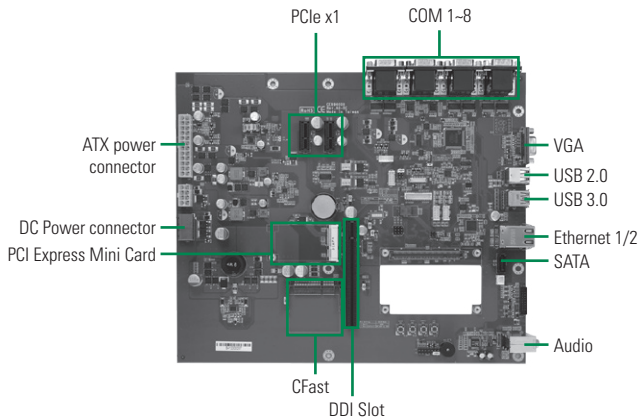


# CEB94008

COM Express Type 10 Development Baseboard



## System

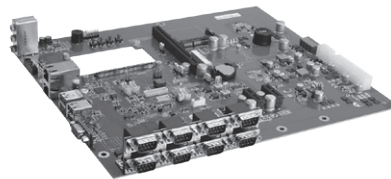
CPU	COM Express type 10 module
System Memory	On the module
Chipset	SoC integrated
BIOS	On the module
SSD	1 x CFast™
Watchdog Timer	On the module
Expansion Interface	2 x PCIe x1 slot 1 x PCI Express Mini Card slot 1 x DDI display card slot
Battery Lithium	Lithium 3V/195mAH
Power Requirements	TBD
Size	244 x 291 mm
Board Thickness	2.0 mm
Temperature	-40°C ~ +85°C (-40°F ~ +185°F), operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

## I/O

MIO	2 x TX/RX UARTs (from CPU module) 2 x RS-232/422/485 4 x RS-232
SATA	1 x SATA connector
Hardware Monitoring	N/A
Ethernet	1 port as 10/100/1000 Mbps supports Wake-on-LAN, PXE Boot ROM with Intel® i210 1 RJ-45 which 10/100/1000 Mbps signals routed from CPU module
Audio	HD audio with Line-in/Line-out/MIC-in
USB	8 x USB 2.0 ports and 2 x USB 3.0 ports
Port 80 Display	Dual 7 segments port 80 display for convenient debugging purpose through LPC interface
SMBus	Yes
Digital I/O	8 Channels (4-IN & 4-OUT)
Display	1 x LVDS 18/24-bit single channel 1 x VGA 1 x DDI display slot

## Features

- COM Express type 10 baseboard
- One SATA-300 and CFast™
- One PCI Express Mini Card slot
- USB 3.0 supported
- Port 80 display for debugging



▲ Side view

## Packing List

Quick installation guide, user's manual/utility CD

## Ordering Information

### Standard

CEB94008 (P/N:E394008100)	COM Express type 10 evaluation baseboard with PCI Express Mini Card, 2 GbE LANs, LVDS/VGA and multiple I/O features
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### Compliant Modules

CEM840	COM Express type 10 mini module with Intel® E3845/ E3827/E3815, 4 GB/2 GB, DP/LVDS, 10/100/1000 Mbps Ethernet and USB 3.0
CEM846	COM Express type 10 mini module with Intel® E3845/ E3827/E3815, 4 GB/2 GB, DP/LVDS, 10/100/1000 Mbps Ethernet and USB 3.0
CEM300	COM Express type 10 mini module with Intel® N3710/ N3160/N3060, 4 GB/8 GB, DP/LVDS, 10/100/1000 Mbps Ethernet and USB 3.0