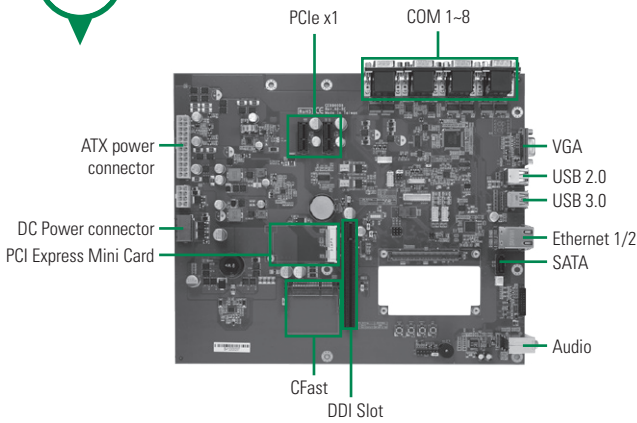


# CEB94008

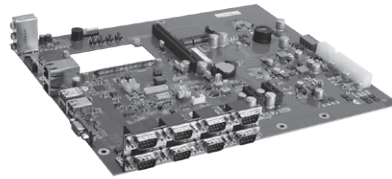
COM Express Type 10 Development Baseboard

NEW



## Features

- COM Express Type 10 Baseboard
- One SATA-300 and CFAST
- One Mini PCI Express Card Slot
- USB 3.0 supported
- Port 80 display for debugging



▲ Side view

## System

CPU	COM Express Type 10 module
System Memory	On the module
Chipset	On the module
BIOS	On the module
SSD	1 x CFAST
Watchdog Timer	255 levels, 1~255 sec.
Expansion Interface	2 x PCIe x1 slots 1 x PCI Express Mini card slot 1 x DDI display card slot
Battery Lithium	Lithium 3V/220mAH
Power Requirements	TBD
Size	244 x 291 mm
Board Thickness	2.0 mm
Temperature	-40°C ~ +85°C, 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 10/100/1000Mbps supports Wake-on-LAN, RPL/ PXE Boot ROM with Intel® i210 1 RJ-45 which 10/100/1000Mbps signals routed from CPU module
Audio	HD audio with Line-in/Line-out/MIC-in
USB	8 x USB 2.0 ports and 1 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	4 channels IN & 4 channels OUT
Display	1 x LVDS 18/24-bit single channel 1 x VGA 1 x DDI display slot

## 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 10/100/1000Mbps Ethernet, LVDS/VGA and multiple I/O features
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### Compliant Modules

CEM840-E3845-4G (P/N:E38D840102)	COM Express type 10 mini module with Intel® E3845, 4 GB, DP/LVDS, 10/100/1000Mbps Ethernet and USB 3.0
CEM840-E3827-4G (P/N:E38D840100)	COM Express type 10 mini module with Intel® E3827, 4 GB, DP/LVDS, 10/100/1000Mbps Ethernet and USB 3.0
CEM840-E3815-4G (P/N:E38D840107)	COM Express type 10 mini module with Intel® E3815, 4 GB, DP/LVDS, 10/100/1000Mbps Ethernet and USB 3.0
CEM840-E3845-2G (P/N:E38D840108)	COM Express type 10 mini module with Intel® E3845, 2 GB, DP/LVDS, 10/100/1000Mbps Ethernet and USB 3.0
CEM840-E3827-2G (P/N:E38D840106)	COM Express type 10 mini module with Intel® E3827, 2 GB, DP/LVDS, 10/100/1000Mbps Ethernet and USB 3.0
CEM840-E3815-2G (P/N:E38D840101)	COM Express type 10 mini module with Intel® E3815, 2 GB, DP/LVDS, 10/100/1000Mbps Ethernet and USB 3.0