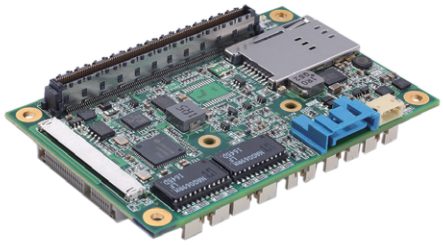
CEB94018

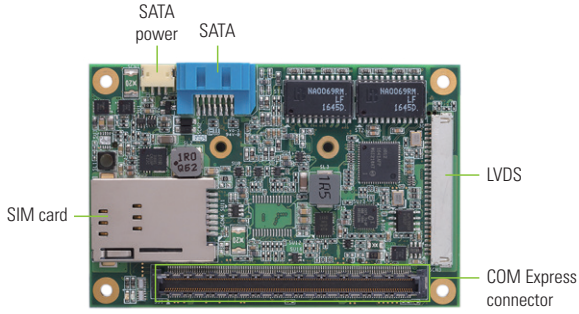
COM Express Type 10 Mini Application Board with LVDS, VGA, Dual LAN and Audio

Features

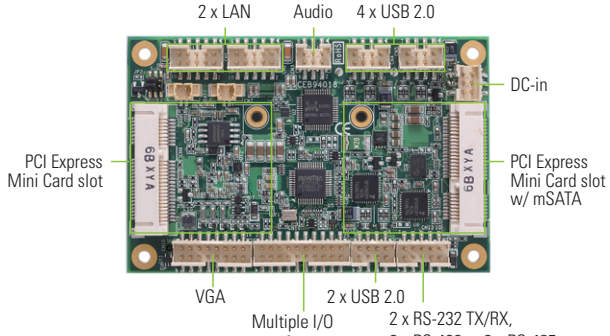
- 84 x 55 mini size form factor
- 2 GbE LAN
- SATA and mSATA
- LVDS and VGA
- 6 USB 2.0
- 2 PCI Express Mini Card slots



▲ Side view



▲ Front view



▲ Rear view

PCIe Mini | USB 3.0 | Ext. Temp | Full Solid Cap Design

Core System

CPU	On the module
System Memory	On the module
Chipset	On the module
BIOS	On the module
SSD	N/A
Watchdog Timer	On the module
Expansion Interface	2 x Half-size PCI Express Mini Card slot 1 x SIM card slot
Battery Lithium	Lithium 3V/220 mAH
Power Input	AT/ATX: +5V DC in, +9V to +14 DC in (option)
Dimensions	84 x 55 mm
Board Thickness	1.6 mm
Operating Temperature	-40°C to +85°C (-40°F to +185°F)
Humidity	10% - 95% relative humidity, non-condensing

I/O

SATA	1 x SATA-600
Hardware Monitoring	Yes
Ethernet	1 x 10/100/1000 Mbps Ethernet with Intel® i210-IT; supports Wake-on-LAN, PXE Boot ROM 1 x 10/100/1000 Mbps signals routed from CPU module
Audio	HD audio with Line-out & Mic-in
USB	6 x USB 2.0
Serial	2 x RS-232 TX/RX/RS-422/RS-485
TPM	N/A
SMBus	N/A
Others	1 x I_2C, FP
GPIO	3-CH in & 3-CH out
Display	1 x LVDS; 18/24-bit single channel 1 x VGA

Packing List

Quick installation guide

Ordering Information

Standard	
CEB94018VGA (P/N: E394018100)	COM Express Type 10 Mini application board with 2 PCI Express Mini Card slots, 2 GbE LAN, LVDS, VGA and multiple I/O features
TS010-CEB90418 HS (P/N : E39J010100)	CEB94018 heatsink with fan (5V)

Accessories include in CEB94018VGA

Power cable
VGA cable
USB 2.0 cable
Audio cable
LAN cable
COM cable
SATA power cable
System cable

Compliant Modules	
CEM846PG-E3845-4G (P/N: E380846105)	COM Express Type 10 Mini module with Intel® Atom® E3845, 4GB, DDI, LVDS, GbE LAN and USB 3.0
CEM846PG-E3827-4G (P/N: E380846104)	COM Express Type 10 Mini module with Intel® Atom® E3827, 4GB, DDI, LVDS, GbE LAN and USB 3.0
CEM846PG-E3815-2G (P/N: E380846103)	COM Express Type 10 Mini module with Intel® Atom® E3815, 2GB, DDI, LVDS, GbE LAN and USB 3.0
CEM300PG-N3710-4G (P/N: E38D300100)	COM Express Type 10 Mini module with Intel® Pentium® N3710, 4GB, DP, LVDS, USB 3.0 and GbE LAN
CEM300PG-N3160-4G (P/N: E38D300102)	COM Express Type 10 Mini module with Intel® Celeron® N3160, 4GB, DP, LVDS, USB 3.0 and GbE LAN
CEM300PG-N3060-4G (P/N: E38D300104)	COM Express Type 10 Mini module with Intel® Celeron® N3060, 4GB, DP, LVDS, USB 3.0 and GbE LAN
CEM311PG-N4200 (P/N: E38D311103)	COM Express Type 10 Mini module with Intel® Pentium® N4200, DDI, LVDS, USB 3.0 and GbE LAN
CEM311PG-N3350 (P/N: E38D311100)	COM Express Type 10 Mini module with Intel® Celeron® N3350, DDI, LVDS, USB 3.0 and GbE LAN

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