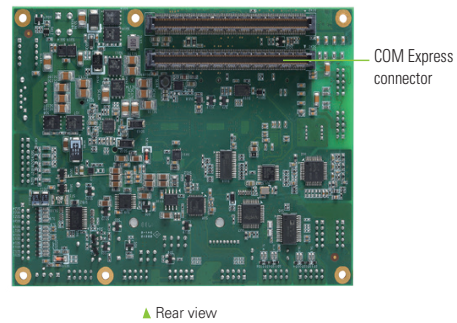
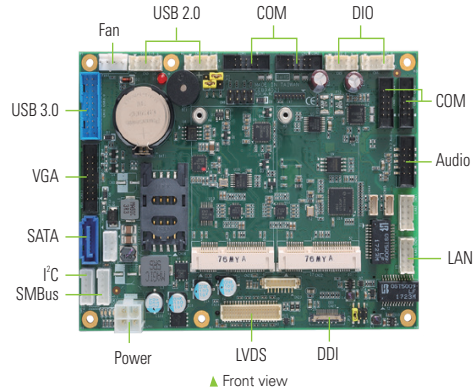


# CEB94021

COM Express Type 6 Application Board with LVDS, VGA, DDI, Dual LANs and Audio

## Features

- 125 x 95 mini size form factor
- 2 GbE LANs
- SATA-600
- LVDS, VGA and DDI
- 4 USB 2.0 and 2 USB 3.0
- 2 PCI Express Mini Card slots
- 3 RS-232/422/485 and 1 RS-232



### Core System

CPU	On the module
System Memory	On the module
Chipset	SoC integrated
BIOS	On the module
SSD	N/A
Watchdog Timer	On the module
Expansion Interface	2 x Full-size PCI Express Mini Card slot (one slot support mSATA) 1 x SIM card slot
Battery Lithium	Lithium 3V/220 mAH
Power Input	12V DC input via in a ATX connector
Dimensions	125 x 95 mm
Board Thickness	1.6 mm
Operating Temperature	-40°C to +85°C (-40°F to +185°F)
Humidity	10% to 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 port with 10/100/1000 Mbps signals routed from CPU module
Audio	HD audio with Line-out, MIC-in & Line-in
USB	4 x USB 2.0 2 x USB 3.0
Serial	1 x RS-232 3 x RS-232/422/485
TPM	N/A
SMBus	Yes
others	1 x i°C
GPIO	8-CH in & 8-CH out
Display	1 x LVDS; 18/24-bit single channel 1 x VGA 1 x DDI

### Packing List

Quick installation guide; user's manual/utility CD

### Ordering Information

Standard	
CEB94021VGA (P/N: E394021100)	COM Express Type 6 application board with PCI Express Mini Card slot, 2 GbE LANs, LVDS/VGA and multiple I/O features
Compliant Modules	
CEM500 Series	COM Express Type 6 Basic module with 6th gen Intel® Xeon® and Core™ i7/i5/i3 processor (Skylake-H)
CEM510 Series	COM Express Type 6 Basic module with Intel® Xeon® E3 or 7th gen Intel® Core™ i7/i5/i3 processor (Kaby Lake-H)
CEM501 Series	COM Express Type 6 Compact module with 6th gen Intel® Core™ i7/i5/i3 or Celeron® processor (Skylake-U)
CEM511 Series	COM Express Type 6 Compact module with 7th gen Intel® Core™ i7/i5/i3 or Celeron® 3965U processor (Kaby Lake-U)

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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