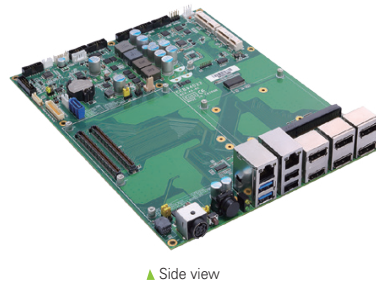
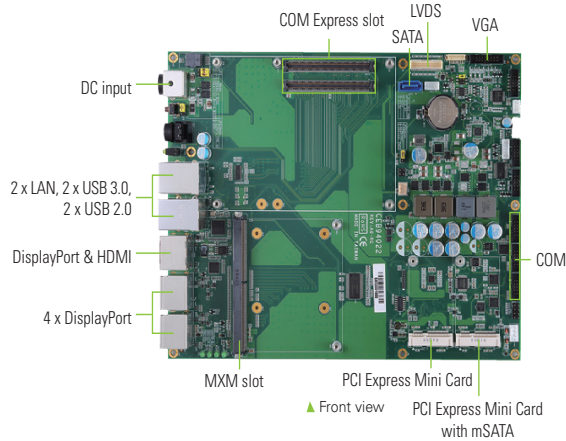


# CEB94022 NEW

COM Express Type 6 Application Board with MXM Slot

## Features

- MXM type A supported
- SATA-600
- LVDS, VGA, HDMI, and DisplayPort
- 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
MXM	MXM Type A slot
Watchdog Timer	On the module
Expansion Interface	2 x PCI Express Mini Card slot (full-size)
Battery Lithium	Lithium 3V/220 mAH
Power Input	19 to 24 VDC input
Dimensions	245 x 190 mm
Board Thickness	1.6 mm
Operating Temperature	-20°C to +50°C (-4°F to +122°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 1 x 10/100/1000 Mbps signals routed from CPU module
Audio	HD audio with Line-in/Line-out/Mic-in
USB	4 x USB 2.0 2 x USB 3.0
Serial	1 x RS-232 3 x RS-232/422/485
TPM	On the module (depends on COM express module)
SMBus	Yes
Others	1 x I <sup>2</sup> C
GPIO	4-CH in & 4-CH out
Display	1 x LVDS; 18/24-bit single channel 1 x VGA 1 x HDMI (from COM express module) 1 x DisplayPort (from COM express module) 4 x DisplayPort (from MXM)

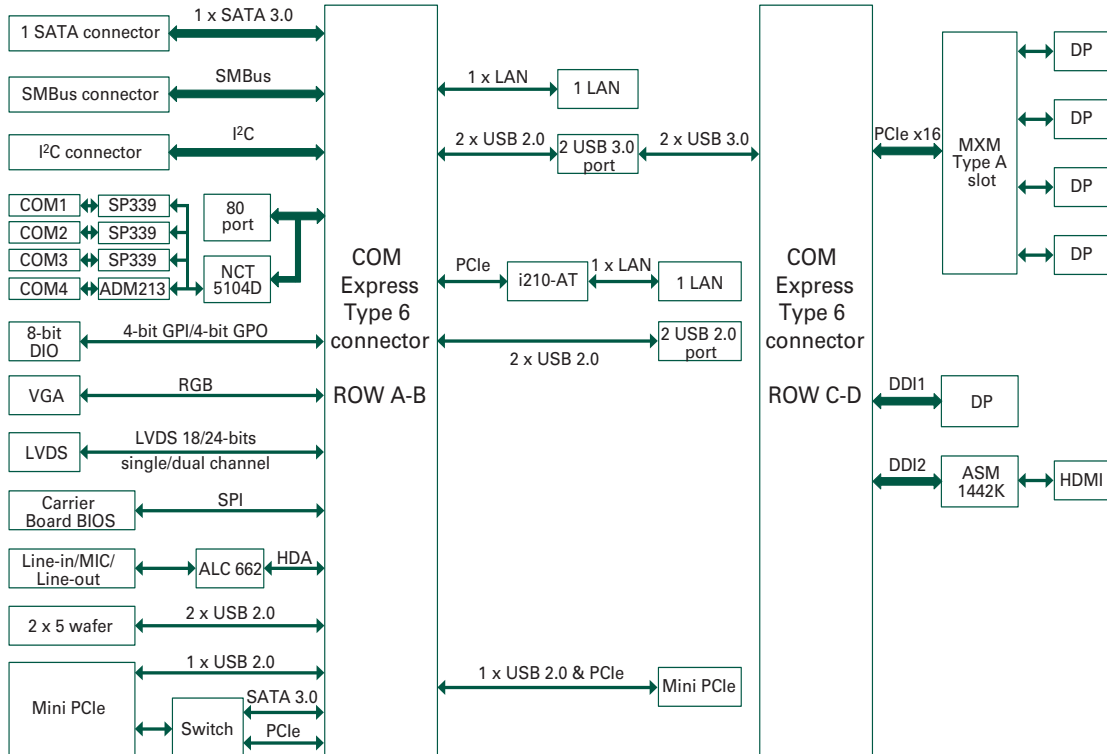
### Packing List

Quick installation guide; user's manual/utility CD

### Ordering Information

Standard	
CEB94022DP (P/N: E394022100)	COM Express Type 6 application board with MXM, 2 GbE LANs, LVDS, VGA and DisplayPort
Compliant Modules	
CEM500 Series	COM Express Type 6 Basic module with 6th gen Intel® Xeon® and Core™ i7/i5/i3 processors (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)

**Block Diagram**



## 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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