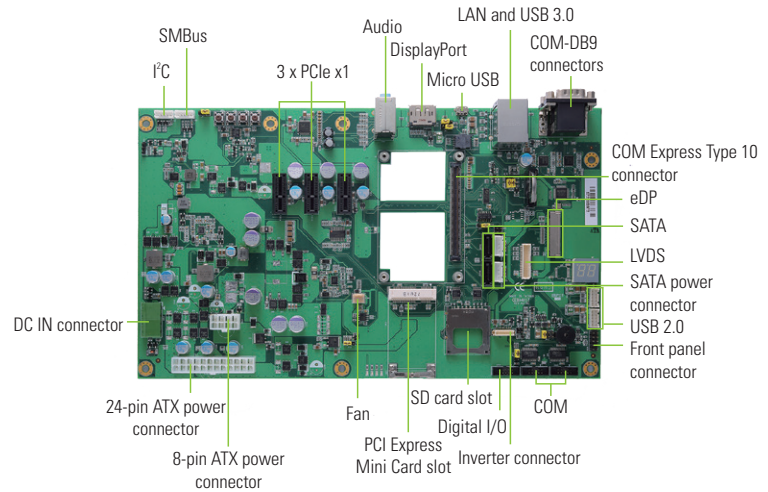


CEB94017 NEW

COM Express Type 10 Development Baseboard

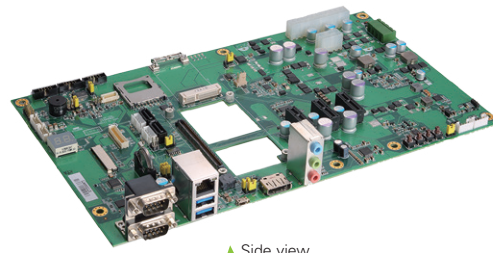
Features

- COM Express Type 10 baseboard
- 2 SATA-300 and SD card slot
- 1 PCI Express Mini Card slot
- 5 USB 2.0 and 2 USB 3.0
- Port 80 display for debugging



Core System

CPU	On the module
System Memory	On the module
Chipset	SoC integrated
BIOS	On the module
SD	1 x SD card slot
Watchdog Timer	On the module
Expansion Interface	3 x PCIe x1 1 x Full-size PCI Express Mini Card slot
Battery Lithium	Lithium 3V/195mAH
Power Input	DC input: 5V - 20V (max @ 10A), support single power source and VCC_RTC from COM Express connector AT/ATX mode support
Dimensions	293.4 x 171.5 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



Packing List

Quick installation guide, user's manual/utility CD

I/O

SATA	2 x SATA
Hardware Monitoring	N/A
Ethernet	1 x 10/100/1000 Mbps Ethernet
Audio	1 x Audio jack
USB	4 x USB 2.0 (wafer connector) 2 x USB 3.0 1 x micro USB (USB 2.0)
Serial	2 x TX/RX 2 x RS-232/422/485
TPM	N/A
SMBus	Yes
Others	Port 80 Display Dual 7 segments port 80 display for convenient debugging purpose through LPC interface
GPIO	4-CH in & 4-CH out
Display	1 x 40-pin LVDS / 1 x 8-pin inverter connector 1 x eDP 1 x jumper for LVDS panel 3.3V/5V/12V voltage selection 1 x jumper selection LVDS/eDP 1 x DisplayPort

Ordering Information

Standard	
CEB94017 (P/N: E394017101)	COM Express Type 10 development baseboard
Compliant Modules	
CEM846 Series	COM Express Type 10 Mini module with Intel® Atom® E3845/3827/ 3815, 4GB/2GB, DDI/LVDS, GbE LAN and USB 3.0
CEM300 Series	COM Express Type 10 Mini module with Intel® Pentium® N3710/Celeron® N3160/N3060, 4GB, DDI/LVDS, GbE LAN and USB 3.0
CEM310 series	COM Express Type 10 Mini module with Intel® Atom® x7-E3950/x5-E3940/x5-E3930, DDI/LVDS, USB 3.0 and GbE LAN
CEM311 series	COM Express Type 10 Mini module with Intel® Pentium® N4200/Celeron® N3350, DDI/LVDS, USB 3.0 and GbE LAN