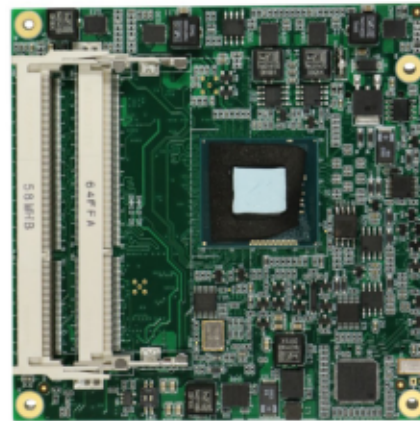
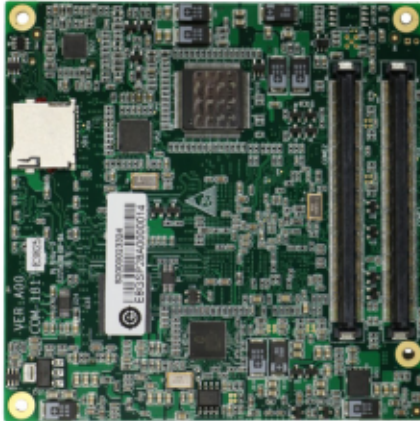


COM-1817

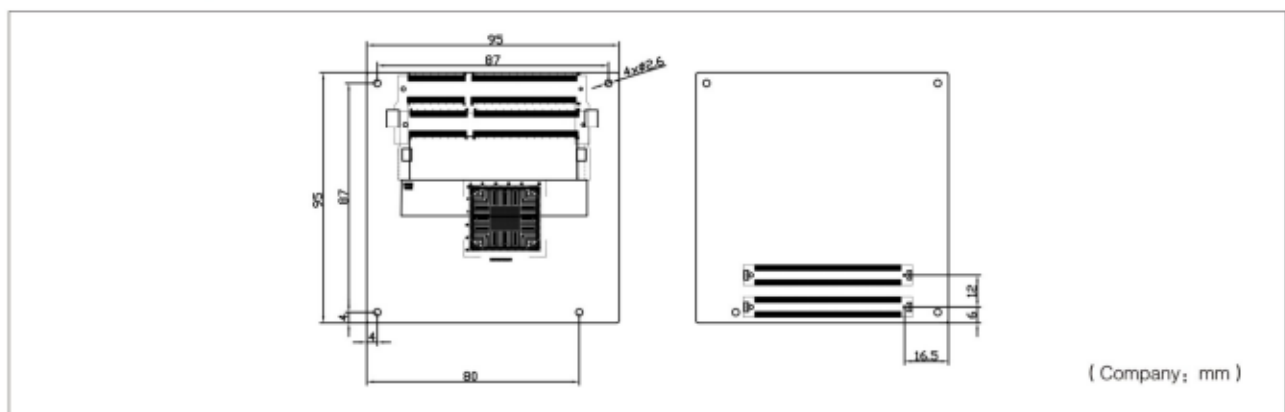
Com Express Single Board



Features:

- ◆ COM Express Compact, size: 95mm * 95mm
- ◆ Onboard J1900 2.0G Quad-core, E3845 1.9G Quad-core, E3825 1.33G CPU
- ◆ Supports dual-channel DDR3L 1333/1600MHz memory, up to 8GB
- ◆ Supports VGA, Dual 24bit LVDS, HDMI, DVI, DP,
- ◆ 3 x PCI-E x 1, LPC, SMBUS, I2C bus
- ◆ Supports 8 x USB (1 x USB3.0)
- ◆ Onboard 4G Flash

Product size chart



Specifications

System	Processor	Onboard J1900 2.0G Quad-core, E3845 1.9G Quad-core, E3825 1.33G CPU
	Chipset	Intel Bay Trail
	Memory	Supports dual-channel DDR3L 1333/1600MHz SO-DIMM, up to 8GB
	Watchdog Timer	255 levels, programmable by second/minute, timeout interrupt or system reset
	Expansion Interface	3 x PCI_Ex1, LPC, SMBUS, I2C bus
Storage	2 x SATA 2.0, 1 x SD card port (E3845/E3825), Onboard 4GB Flash (optional)	
I/O Interface	USB	7 x USB2.0, 1 x USB3.0
	Serial Port	2 x COM ports
	GPIO	1 x 8bit digital I/O port
	Audio	Supports HDA
Display	Supports VGA, Dual-channel 24bit LVDS, HDMI, DVI, DP	
Ethernet	1 x 10/100/1000Mbps LAN (Intel I211AT), supports Wake-On-LAN;	
Mechanical and Environmental	Dimensions	95(mm) x 95(mm)
	Operating Temperature	0°C~60°C(expandable to -40°C ~85°C); 5%~95%(non-condensing)
	Storage Temperature	-40°C ~85°C, 5%~95% (non-condensing)
Power	Power Supply	Single 12V power supply or 5VSB, 12V power supply

Ordering Information

Part Number	Model Number	Description
0030-021051	COM-1817-J1900	COM Express Compact Type 6 module/onboard intel J1900 2.0GHz Quad-core CPU/Bay Trail Chipset/ support dual DDR3L memory/VGA, LVDS, HDMI display/2 x SATA/1 x 1000Mbps Lan port/7 x USB2.0/1 x USB3.0/2 x RS 232/1 x HAD/1 x 8bit Gpio/3 x PCIe x 1
0030-021041	COM-1817-E3845	COM Express Compact Type 6 module/onboard intel E3845 1.91GHz Quad-core CPU/ Bay Trail Chipset/ support dual DDR3L memory/ VGA, LVDS, HDMI display/2 x SATA/1 x 1000Mbps Lan port/8 x USB2.0/1 x USB3.0/2 x RS 232/1 x HAD/1 x 8bit Gpio/3 x PCIe x 1
0030-021031	COM-1817-E3825	COM Express Compact Type 6 module/onboard intel E3825 1.33GHz Dual-core CPU/Bay Trail Chipset/ support dual DDR3L memory/ VGA, LVDS, HDMI display2 x SATA/1 x 1000Mbps Lan port/7 x USB2.0/1 x USB3.0/2 x RS 232/1 x HAD/1 x 8bit Gpio/3 x PCIe x 1