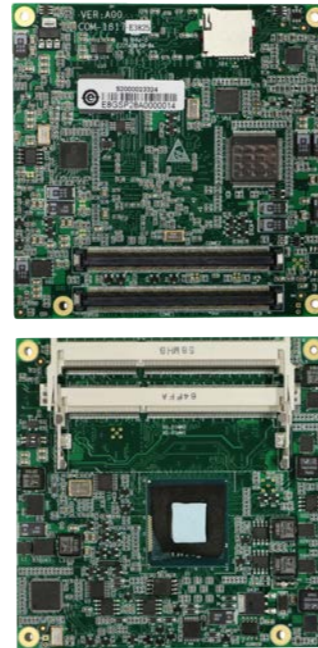


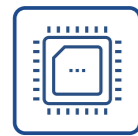
COM-1817

ComExpress Single Board

COM-1817 motherboard adopts the Type6 standard COM Express Compact Module, INTEL's mature Bay Trail platform, and onboard Intel J1900, E3845, E3825 low-power CPUs. The motherboard has powerful computing capability and can be widely used in communication, automation, medical care and other fields, to meet various needs of customers.



Product Features



Onboard J1900 processor



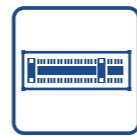
Dual-channel memory



Dual-channel display

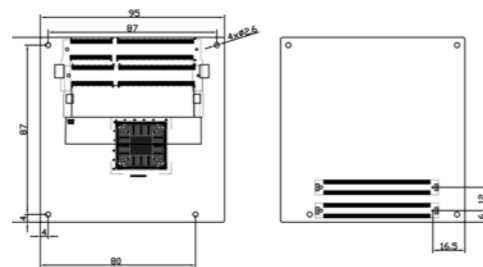


Supports 8 x USB



Multiple PCI ports

Product Dimensions Drawing



Please refer to the user manual to check detailed specifications and dimension. (Unit: MM)

Product Specifications

Item	Description
Chipset	Onboard J1900 2.0GHz quad-core, E3845 1.9GHz quad-core, E3825 1.33GHz processors
Memory	Intel Bay Trail
Display Ports	Supports dual-channel DDR3L 1333/1600MHz SO-DIMM, UP to 8GB
Audio Ports	Supports VGA, dual-channel 24BIT LVDS, HDMI, DVI, DP multiple display ports
LAN	Supports HDA
Storage	2 x SATA 2.0 interface 1 x SD card port(J1900 has no such port) Onboard 4GB FLASH(optional)
IO Ports	7 x USB2.0 port, 1 x USB 3.0 port, 2 x COM port, 8-channel input/output I/O ports
Bus Expansion	3 x PCI_Ex1, LPC, SMBUS, I2C bus
Working Environment	0°C~60°C(expandable to -40°C~85°C); 5%~95% (non-condensing)
Storage Environment	-40°C~85°C, 5%~95% (non-condensing)
Watchdog	255 level, programmable by second/minute, timeout interrupt or system reset
Power Supply	Single 12V power supply or 5VSB, 12V power supply
Dimensions (W×D×H)	95mm x 95mm

* As for environment, EMC and content of other indexes, the Technical Agreement between the two sides shall prevail.

Ordering Information

Part No.	Model	Description
0030-021051	COM-1817-J1900	COM Express Compact Type 6 module/onboard Intel J1900 2.0GHz quad-core CPU/Bay Trail chipset/supports dual-channel DDR3L memory/VGA, LVDS, HDMI display ports/2×SATA/1 x Gigabit LAN port/7×USB 2.0/1×USB 3.0/2 x RS 232/1×HD A/1x8bit GPIO/3 x PCIe1
0030-021041	COM-1817-E3845	COM Express Compact Type 6 module/onboard Intel E3845 1.91GHz quad-core CPU/ Bay Trail chipset/supports dual-channel DDR3L memory/VGA, LVDS, HDMI display ports/2×SATA/1 x Gigabit LAN port/8×USB 2.0/1×USB 3.0/2 x RS 232/1×HD A/1x8bit GPIO/3 x PCIe1
0030-021031	COM-1817-E3825	COM Express Compact Type 6 module/onboard Intel E3825 1.33GHz dual-core CPU/ Bay Trail chipset/supports dual-channel DDR3L memory/VGA, LVDS, HDMI display ports/2×SATA/1 x Gigabit LAN port/7×USB 2.0/1×USB 3.0/2 x RS 232/1×HD A/1x8bit GPIO/3 x PCIe1
1500-002931	COM-1817 heat sink module	COM-1817 heat sink module
0050-001591	EDB-COM08	Carrier board part No.

Note: The final interpretation rights for product specifications, ordering information, etc. belong to EVOC Intelligent Technology Co., Ltd.