

COM-1819

COM Express Module

COM-1819 is a Type 6 COM express Basic Module motherboard based on the Intel® Coffee Lake H platform, with onboard Intel i7-9850HL/i7-9850HE/i3-9100HL processor, QM370 chipset and Intel® UHD Graphics630 integrated graphics card. With two DDR4 2666MHZ SO-DIMM memory slots, it supports up to 64GB. It has strong computing capability and rich port types, which are widely used in automation, electricity, communication, transportation, medical treatment and other fields.



Product Features



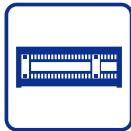
9th Gen processor



Dual-channel DDR4 memory slot



Supports independent display of 3 channels



Multiple PCIE signals

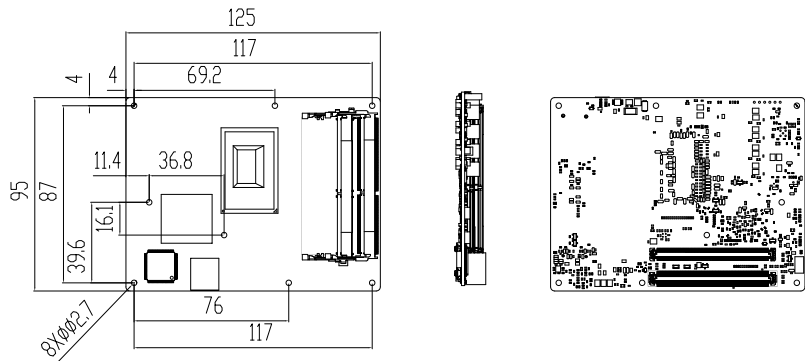


Supports wide temperature range of -40°C~+85°C



Wide voltage power supply (8.5V~16V)

Product Dimensions Drawing



(Please refer to the user manual to check detailed specifications and dimensions) (unit: MM)

Product Specifications

Item	Description
Version	COM Express® basic, Type 6
Processor	Intel® Core™ i7- 9850HE/i7-9850HL/i3-9100HL
Chipset	QM370
System Memory	2x SO-DIMMs DDR4, single slot of maximum 32 GB 2133/2400/2666 MHz UP to 64GB (non-ECC)
Storage Configuration	4*SATA3.0
Display Signal	3 x DDI channel (standard configuration: 3*DP++, VGA, DVI and other displays can be configured), 1*eDP
USB Signal	4*USB2.0/4*USB3.1
LAN Signal	1-channel 10/100/1000Mbps Ethernet
Sound Card Configuration	1*HDA
Other Port Signals	2-channel serial ports, 8*GPIO (4*GPI/4*GPO), I2C, LPC and SMBus
Bus Expansion	4*PCIEx1, 1*PCIEx4, 1* PCIE x16 (1* PCIE x16 can be divided into 2 * x8 or 1* x8+2*x4)
Power Supply	Adopt a single 12V power supply or 5VSB plus 12V dual power supply, supporting S0, S1 and S5, and AT/ATX working mode. The single power supply can support wide voltage 8.5V~16V input
Operating temperature	COM-1819-i79850HL-01/i39100HL-01:0°C~+60°C; COM-1819-i79850HL-02/i79850HE-01:-40°C~+85°C;
Product Dimensions	(-40) °C~ (+85) °C
Operating Systems	125mm * 95 mm
Ordering Information	Windows10 ,Linux(Ubuntu)

Ordering Information

Part No.	Model	Description
0030-024411	COM-1819-i79850HE	COM Express Basic Type6 module/QM370 chipset/onboard Intel Core i7-9850HE 2.7GHz CPU/ 2x SO-DIMMs DDR4 slots/3*DP++/1*eDP / 4*SATA/ 1 x Gigabit LAN port/4*USB3.1/4*USB2.0/2*serial port/1*HAD/ 4 x PCIEx1/ 1 x PCIEx4/ 1 x PCIE x16/ -40°C~+85°C
0030-024391	COM-1819-i79850HL-01	COM Express Basic Type6 module/QM370 chipset/onboard Intel Core i7-9850HL 1.9GHz CPU/ 2x SO-DIMMs DDR4 slots/3*DP++/1*eDP / 4*SATA/ 1 x Gigabit LAN port/4*USB3.1/4*USB2.0/2*serial port/1*HAD/ 4 x PCIEx1/ 1 PCIEx4/ 1 x PCIE x16/0°C~+60°C
0030-024401	COM-1819-i79850HL-02	COM Express Basic Type6 module/QM370 chipset/onboard Intel Core i7-9850HL 1.9GHz CPU/ 2x SO-DIMMs DDR4 slot/3*DP++/1*eDP / 4*SATA/ 1 x Gigabit LAN port/4*USB3.1/4*USB2.0/2*serial port/1*HAD/ 4 x PCIEx1/ 1 x PCIEx4/ 1 x PCIE x16/-40°C~+85°C
0030-024631	COM-1819-i39100HL-01	COM Express Basic Type6 module/QM370 chipset/onboard Intel Core i3-9100HL 1.6GHz CPU/ 2x SO-DIMMs DDR4 slots/3*DP++/1*eDP / 4*SATA/ 1 x Gigabit LAN port/4*USB3.1/4*USB2.0/2*serial port/1*HAD/ 4 x PCIEx1/ 1 x PCIEx4/ 1 x PCIE x16/0°C~+60°C
1500-016181	COM-1819 Heat Sink Module	Including heat-conducting plate, CPU heat sink, etc.
0050-001801	EDB-COM16	Part No. of backplane

Note: EVOC Intelligent reserves the right to final interpretation of product specifications and ordering information etc.