

M30

Low-power and High-Performance Fanless Embedded System

M30 is a fanless, low-power, high-performance embedded product featuring an onboard J1900 processor and the BayTrail platform chip. It is compatible with WIN7, WIN10, LINUX (2.6 kernel), and other operating systems. Its compact and robust design includes a fanless structure, with the shell used for heat dissipation and excellent sealing performance for dust prevention, heat dissipation, and vibration resistance. M30 is mainly used in embedded fields such as mechanical testing equipment, industrial automation control, and IoT terminals.



Product Features



Low power consumption and high performance



Fully sealed and fanless



4G and WIFI modules expandable

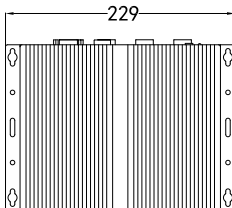
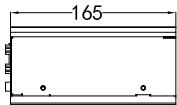
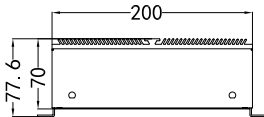


Operating in a wide temperature range



Rich and expandable port

Product Dimensions Drawing



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

Product Specifications

Item		Description
System Configuration	Processor	Intel® Celeron J1900 2.0Ghz quad-core,, onboard processors which are non-replaceable
	Chipset	Intel® BayTrail
	Memory	Supports 1 x 204Pin DDR3L SO-DIMM slot, up to 8GB, with 8G DDR3L memory requiring chips on both sides
I/O Port	LAN Port	2 x RJ45 10/100/1000Mbps LAN port (LAN1 supports the LAN wake-up function)
	Display	Supports VGA and HDMI display ports
	USB	1 x USB3.0 + 7 x USB2.0 port
	COM	6 x serial port, COM1 supports RS232/485/422 optional (MAX), default RS-232, COM2~COM6 is in RS-232 mode
	Audio	1 group of Audio ports (supporting MIC-IN and LINE-OUT)
Expansion Bus	Motherboard Integration	1 x M-SATA slot (for 4G or storage, not available simultaneously)
		1 x SATA port
		1 x M.2 keyE (for WIFI module)
Storage	Hard Disk	1 x SATA port (with optional 2.5-inch HDD or SSD)
	M-SATA	1 x M-SATA slot (for 4G or storage, not available simultaneously)
Working Environment		0°C~+45°C (HDD) -10°C~+60°C (wide-temperature SSD/DOM) Note: The air flow rate in the working environment of the PC must be greater than 0.5m/s.
Storage Environment		-40°C~+85°C; humidity: 5%~95% (non-condensing state)
Installation Method		Wall-mounted, desktop
Product Dimensions		200 mm (W) × 165 mm (D) × 70 mm (H) (excluding mounting bracket)
Power Supply		1 x 2Pin Phoenix terminal power port 1 x 2Pin Phoenix terminal remote switch port External AC 220V power adapter or DC 12V direct input power supply
Operating System		Supports WIN7 (32/64bit), WIN10, LINUX (2.6 kernel) and other operating systems

Ordering Information

Part No	Model	Description
0020-065921	M30-01	Fanless barebone system/Intel®BayTrail chipset/Celeron J1900 2.0Ghz quad-core processor/no memory/no hard disk/serial port*6/USB3.0*1+ USB2.0*7/Gigabit LAN port*2/VGA *1/HDMI*1 /Line-out*1/MIC*1/12V DC power supply/no adapter
0010-166481	M30-02	Fanless PC/Intel®BayTrail chipset/Celeron J1900 2.0Ghz quad-core processor/4G memory/128G SSD/serial port*6/USB3.0*1+ USB2.0*7/Gigabit LAN port*2/VGA *1/HDMI *1 /Line-out*1/MIC*1/12V DC power supply/12V power adapter*1

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