

EC3-1820

3.5" Single Board Computer

EC3-1820V2NA is a low-power embedded motherboard developed based on the Intel Bay Trail platform that complies with the 3.5 "single board specification. This product adopts Intel's low power consumption solution, and its small size design is suitable for mechanical control, electricity, medical equipment and various instruments.



Product Features



Onboard low power consumption processor

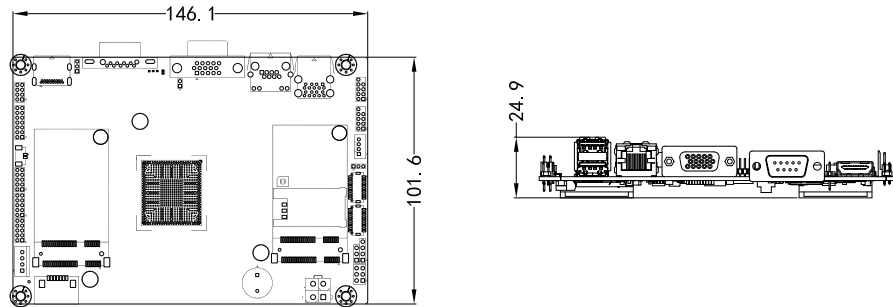


Multiple IO ports



Optional wide-temperature environment

Product Dimensions Drawing



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

Product Specifications

Item	Description
Processor	Onboard E3845, J1900 quad-core processors
Chipset	BayTrail
Memory	Onboard 4G memory
Display Ports	VGA, HDMI, LVDS
Audio	Ports Supports MIC-IN/LINE-IN/LINE-OUT
LAN	2 × 10/100/1000Mbps LAN port
Memory	1 × SATA, 1 × mSATA (optional), 1 × Micro SD card port (not supported by J1900)
I/O Port	4 × serial port, COM1 and COM2 support RS-232/RS-422/RS-485 mode selection 6 × USB2.0 2 × 8-channel digital I/O port 1 × PS/2 port
Bus Expansion	1 × Mini-pcie port
Power Supply	Single 12V power supply
Working Environment	0°C~60°C (standard configuration), expandable temperature range: -40°C~85°C (optional)
Storage Environment	-40°C~85°C
Constant Damp Heat	40°C 95%RH, non-condensing
Overall Dimensions	146.1mm (L) × 101.6mm (W)
Operating System	WIN7、WIN8、LINUX

Ordering Information

Part No.	Model	Description
0030-023731	EC3-1820V2NA(D)-E3845	3.5" single board computer/onboard E3845 quad-core processor/onboard 4GB DDR3 memory/VGA, HDMI, LVDS/1 × PS2 port/2 × 8-channel GPIO/6 × USB2.0/1 group of audio ports/2 × LAN port/1 × M-SATA/1 × SD/1 × SATA/4 × serial port/1 × MiniPCIE port
0030-023741	EC3-1820V2NA(D)-J1900	3.5" single board computer/onboard J1900 quad-core processor/onboard 4GB DDR3 memory/VGA, HDMI, LVDS/1 × PS2 port/2 × 8-channel GPIO/6 × USB2.0/1 group of audio ports/2 × LAN port/1 × M-SATA/1 × SATA/4 × serial port/1 × MiniPCIE port

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