



Features

- Intel® Celeron® J1900 quad-core 2.0 GHz processor
- 1 x DDR3 1333MHz SDRAM, max.8GB, 1 x mSATA SSD
- 1 x M2.0 (2230, Wifi+BT), 1 x M2.0 3042, 4G)
- 2 x Intel® 211 1GbE Ethernet, support WoL and PXE
- 2 x RS232/422/485, RS485 support automatic flow control
- Support TPM2.0 hardware security
- Wide Operating Temperature -20°C to 70°C
- 9V to 36VDC Wide Range Power Input, Supporting OVP / OCP / RPP



Specifications

System	
CPU	Intel® Bay Trail Celeron J1900 Quad-core 2.0GHz
L2 Cache	2MB
TDP	10W
System Chipset	Integrated with Intel® SoC
Memory	1 x DDR3L 1333MHz 4GB, Up to 8GB
Harddisk	1 x mSATA 128G SSD (250G / 500G / 1TB SSD) / 1 x 2.5" SATA
Graphics	Intel HD Graphics
Network	Intel® I211-AT GbE LAN
Audio	Realtek ACL662 Audio controller
TPM	TPM 2.0
Watchdog Timer	Software Programmable Supports 1~255 sec. System Reset
Operation System	Windows 7 / 8 / 10, Linux, Ubuntu
I/O	
VIDEO	1 x H-DMI
Ethernet	2 x LAN (10/100/1000 Mbps)
USB	3 x USB2.0 / 1 x USB3.0
COM	2 x RS-232 / 422 / 485 (Adjustable through BIOS)
Audio	1x Audio_out & Mic_in
Wireless Network	Optional (WiFi / Bluetooth / 4G)
Expansion	
M.2	1*M.2 (Key-E, 2230, PCIe+USB, Wifi+BT)
	1*M.2 (Key-B, 3042, USB2.0, 4G)
SIM Socket	1x SIM Socket
Power	
Power Input	2-pin Terminal Block Connector with Power Input 9~36VDC
Power Mode	Support AT, ATX Mode
Power Protection	OVP (Over Voltage Protection) OCP (Over Current Protection) RPP (Reverse Polarity Protection)
Power Consumption	≤25W

Physical	
Material	Aluminum Alloy Shell
Color	Grey / Silver / Black (optional)
Mounting	272 x 90 mm / 272 x 60 mm
Product Dimension	258 x 158 x 33 mm
Packing Size	360 x 180 x 320 mm
Weight (Net)	1.2 KG
Environment	
Operating Temperature	-20~70°C (-4~158°F)
Storage Temperature	-40~85°C (-40~185°F)
Relative Humidity	5%~95%@40°C, non-condensing
Vibration Protection	1.5 Gms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
EMC	CE, FCC, Class A, ROHS

Dimension & I/O

The technical drawings show the following dimensions:

- Front view: 258.00 mm width, 158.00 mm height, 33.00 mm depth.
- Side view: 33.00 mm depth.
- Rear view: 272.00 mm width, 90.00 mm height, 60.00 mm mounting hole offset.

I / O Definition:

- A: DC 9V~36V
- B: COM1
- C: COM2
- D: 2 x LAN
- E: H-DMI
- F: 1 x USB 3.0 / 1 x USB 2.0
- G: 2 x USB 2.0
- H: Audio
- I: Extension Switch
- J: Power Button

Ordering info

Available models	Description
EFIC-5000JA	Fanless Industrial Computer Intel® Bay Trail Celeron J1900 2.0GHz Processor

Packing list

1 x Standard product
1 x 60W PSU (Power Supply)
1 x CD-ROM