



EC7-1823

Mini-ITX SBC with Intel Celeron J1900

- Onboard Intel® Celeron® Processor J1900
- Bay Trail
- 1*DDR3L 1333MHz SO-DIMM, up to 8G
- 1 x VGA, 1 x HDMI, 1 x LVDS
- 6 x USB2.0 , 1 x USB3.0, 6 x COM, 1 x 8bit GPIO
- 1 x PCIe16(x1 connector), 1 x Mini-pcie port, 1 x SIM Card slot



Specifications

Processor	Onboard Intel® Celeron® Processor J1900
Chipset	BayTrail
Memory	1*DDR3L 1333MHz SO-DIMM, up to 8G
Display	1 x VGA, 1 x HDMI, 1 x LVDS (supports Dual channels 18/24bit)
Audio	Supports HAD (Mic-in, Line-out)
Lan	2 x 10/100/1000Mbps Lan ports
Storage	1 x SATA 3.0 port
I/O interface	6 x USB2.0, 1 x USB3.0, 6 x COM, 1 x 8bit GPIO
Expansion Bus	1 x PCIe16, SPI, I2C, SMBUS, LPC bus ,ect; 1 x Mini-pcie port, 1 x SIM card slot
Operating Temperature	-10℃~60℃; 5%~95%(non-condensing)
Storage Temperature	-20℃~85℃, 5%~95% (non-condensing)
Watchdog Timer	255 levels, programmable by second/minute, timeout interrupt or system reset.
Power Supply	Single 12V power supply
Dimensions	170 * 170mm

Dimension

Unit:mm

Ordering Information

Part Number	Model Number	Description
0030-022081	EC7-1823-J1900	Mini-ITX SBC/BayTrail/Onboard Intel® Celeron® Processor J1900/1 x DDR3L 1333MHz SO-DIMM slot/1 x VGA, 1 x HDMI, 1 x LVDS/ 2 x GbE/6 x USB2.0/1 x USB3.0/6 x COM/1 x SATA3.0/1 x 8bit GPIO/1 x Audio(MIC-in,Lin-out)/1 x PCIe x16(x1 connector)/1 x Mini-pcie/1 x SIM card slot/1 x M-SATA slot