

eBOX638-840-FL

Fanless Embedded System with Intel® Celeron® Processor J1900 2.0 GHz, VGA/HDMI, 6 COM, 2 PCI/PCIe slots and 16~28VDC Input

Features

- Intel® Celeron® J1900 2.0 GHz quad core (Bay Trail)
- Fanless operation design with full feature I/O
- HDMI and VGA with dual-view supported
- 6 COM ports, 2 GbE LAN and 1 Mini PCIe slot
- Dual PCI or PCIe x1 expansion slots
- ATX 72W 16~28 VDC wide range power input

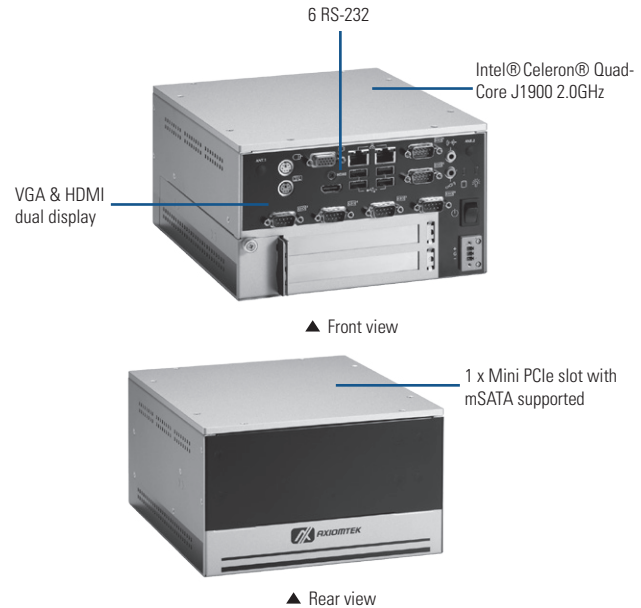


Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP30
CPU	Intel® Celeron® Quad-Core J1900 2.0 GHz
System Memory	1 x 204-pin DDR3L-1066/1333 SO-DIMM, up to 8GB
Chipset	SoC integrated
BIOS	AMI
System I/O Outlet	6 x RS-232 2 x 10/100/1000Mbps Ethernet (Realtek RTL8111G) 4 x USB 2.0 1 x Internal USB 3.0 1 x Audio (Mic-in/Line-out) 1 x PS/2 keyboard 1 x PS/2 mouse 1 x HDMI 1 x VGA 1 x VDC power input connector 1 x ATX power switch 2 x SMA type connector opening for antenna
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	1 x 2.5" SATA HDD bay, max. height 9.5mm 1 x mSATA
Expansion Interface	1x full-size PCI Express Mini Card slot with mSATA supported (PCI Express + USB signal) 2 x 32-bit/33 MHz PCI slots, support max. length of 200 mm of PCB boards or 2 PCIe x1 for expansion max. up to 10W
System Indicator	1 x green for system power 1 x orange LED for HDD active
Power Supply	DC ATX 72 W Input: 16~28 VDC, Output: +12V@6A
Operating Temperature	-10°C ~ +55°C (14°F ~ +131°F) (with W.T. DRAM & SSD)
Humidity	10% ~ 90%, non-condensing
Vibration Endurance	2 Grms with SSD(5-500 Hz, X, Y, Z directions)
Dimensions	192mm (7.56") (W) x 230 mm (9.05") (D) x 115.8 mm (4.56") (H)
Weight (net/gross)	4.1 kg (9.03 lb) / 4.8 kg (10.58 lb)
Certificate	CE
EOS support	WES7, WE8S, Linux

Packing List

- 1 x Quick manual
- 1 x Driver cd
- 1 x Screw pack
- 4 x Foot pad
- 1 x DC-in connector



Power Protection

DC Version

- OCP (over current protection)
- OVP (over voltage protection)
- UVP (under voltage protection)

Ordering Information

Standard

eBOX638-840-FL-2PCI-DC	Fanless embedded system with Intel® Celeron® J1900 2.0 GHz, VGA/HDMI, 6 COM, 2 GbE LANs, 2 PCI slots and 16~28 VDC
eBOX638-840-FL-2PCIe-DC	Fanless embedded system with Intel® Celeron® J1900 2.0 GHz, VGA/HDMI, 6 COM, 2 GbE LANs, 2 PCIe x1 slots and 16~28 VDC

Optional

2.5" SATA HDD	80GB or above
2.5" SATA SSD	40GB or above
DDR3L SO-DIMM	1GB ~ 8GB
mSATA	512MB or above
Wall mount Kit	88160639010E
Wi-Fi module	
3G module	

*Specifications and certifications are based on options and may vary.

Dimensions

