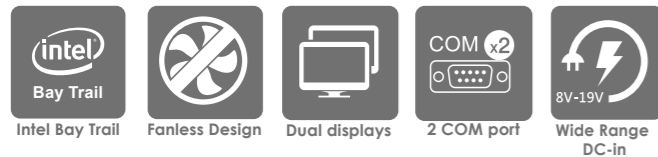


E300

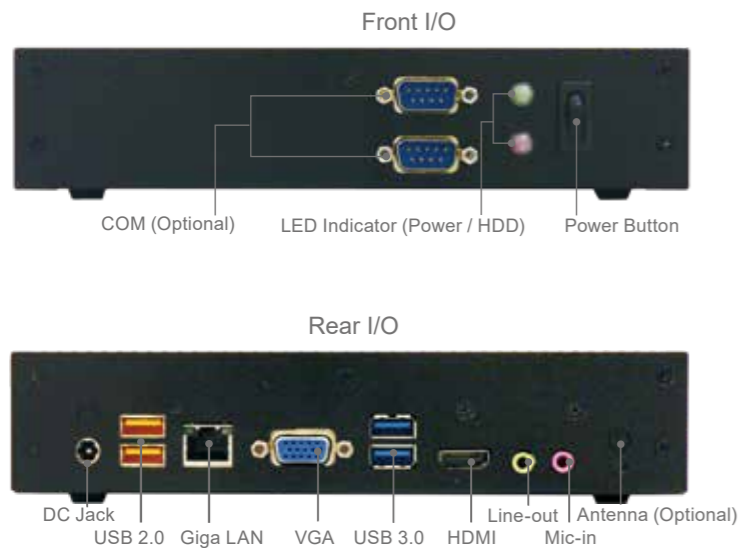
Fanless Embedded System with Intel® Bay Trail Celeron J1900 Processor (up to 2.42GHz)

Introduction

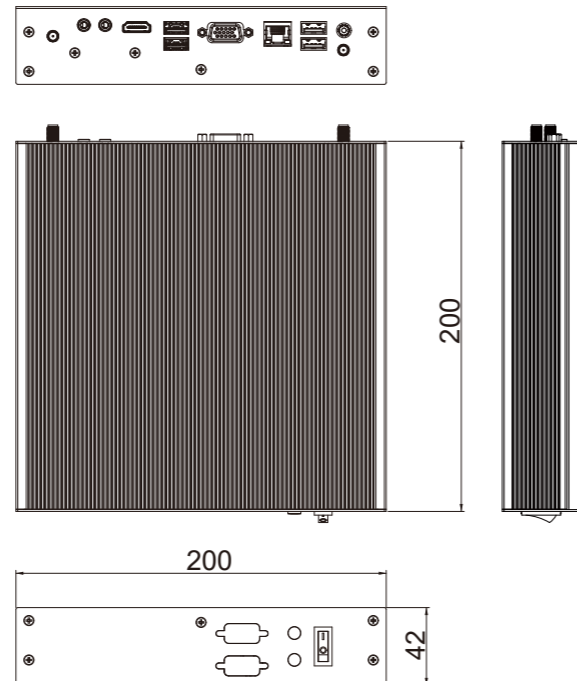
E300 is a fanless embedded system powered by the latest Intel® Bay Trail performance-enhanced processor. The whole system is less than 1.7 liter size but still with versatile I/O, HDD storage and Wall mounting capability, aiming to adapt it in different environments and wide applications.



I/O Interface



Dimension (mm)



E300 Fanless Embedded System

SYSTEM	
CPU	Intel® Bay Trail J1900 Processor (2M Cache, up to 2.42 GHz Quad Core)
Chipset	Intel® SoC Integrated
System Memory	DDR3L 1866, 2 x 204-pin SO-DIMM, Max. 8 GB (Non-ECC)
Graphics	Intel® HD Graphics
Display Interface	VGA, HDMI
Storage Slot	1 x 2.5 HDD / SSD (Default w/HDD Bracket, SATA, and SATA Power Cable in Accessories) 1 x mSATA
Ethernet	Realtek RTL8111G Giga LAN
Audio	Realtek ALC888S
I/O Chipset	Nuvoton NCT6683D
Expansion Slot	Storage: Mini PCIe Full / Half size (USB / PCIe / SATA) Wireless: Mini PCIe Half size (PCIe / USB)
Indicator	Power Button, Power LED, HDD LED
Front I/O	2 x RS232 (Optional) 1 x RJ-45 2 x USB 3.0 2 x USB 2.0
Rear I/O	1 x VGA 1 x HDMI 1.4 1 x Mic-in 1 x Line-out 1 x DC-in 2 x SMA Antenna (Optional for WiFi function)
POWER REQUIREMENT	
Power Input	8~19V Wide Range DC-in Jack Connectivity
Power Adapter	AC to DC, DC19V / 3.4A, 65W adapter
MECHANICAL	
Thermal Design	Fanless
Mounting	VESA Mount Kit Support 75 x 75mm and 100 x 100mm (Optional)
Dimensions (W X D X H)	7.9" x 7.9" x 1.7" (200mm x 200mm x 42mm)
Material	Top cover: Aluminum Alloy , Bezel and chassis: Steel
ENVIRONMENTAL	
Operating Temperature	0~50°C (32~122°F)
Operating Humidity	10%~90% (Non-condensing)
Vibration Resistance	5Hz~500Hz / 2Grms / 3Axis (Non-operating)
Shock Resistance	120G, 2ms Duration (Non-operating)
Certification	CE & FCC Class A
OS	
OS Support	Windows® 10, Windows® 8.1, Windows® 7, Linux (Support by request)

*Motherboard Optional for PD10AI, PD11TI, PD10RI

Ordering Information

Model Number	Processor	VGA	HDMI	Mic-in / Line-out	USB 3.0 / 2.0	LAN	mSATA / mPCIe	SATA	Power
*E300-10BI-J1900	J1900	1	1	1 / 1	2 / 2	1	1 / 1	1	8~19V DC Jack

*Option: TPM, WIFI / BT
*This is a build-to-order model, please contact our sales team for more sampling or shipping details

Packing List

Packing		
• 1 x Embedded System	• 1 x Power Adapter (19V, 65W, DC Jack Type)	• 1 x 18 cm SATA Power Cable
• 1 x 18 cm SATA Cable	• 1 x Quick Installation Guide	• 1 x US + EU Power Cord

Rugged

Fanless

Fanned

Rockmount