

Industrial PC

104990



Fanless Embedded System with Intel® Atom™ Processor E3845/E3827 for Vehicle, Railway and Marine PC



▲ Front view



Features

- eMark, ISO7637, EN50155, EN50121 and IEC60945 certificated
- Intel® Atom™ Bay Trail-I E3845 4C@1.91 GHz
- DDR3L-1333 4 GB system memory onboard
- Fanless with operating temperature range of -40°C ~ +70°C (EN50155 class TX)
- Intelligent power management solution
- Compact size with rich multiple I/Os, DIN rail and wall mount supported
- 2 full size mini PCIe card slots and 1 SIM card socket
- Hard disc 16GB



▲ Rear view

Specifications

Standard Color	Silver-Black	
Construction	Aluminum extrusion and heavy-duty steel	
CPU	Intel® Atom™ processor E3845 (4C@1.91 GHz)	
System Memory	DDR3L-1333, 4 GB memory onboard	
Chipset	SoC integrated	
BIOS	AMI	
System I/O Outlet	Rear Side	2x M12 A-coded GbE LAN + 1x M12 A-coded DC power input
	Front Side	2 x RS-232/422/485 1 x DI/DO (8bit programmable) 1 x VGA 2 x USB 2.0 1 x remote switch 1 x reset button 4 x antenna opening
Watchdog Timer	255 levels, 0 ~ 255 seconds/minutes	
Storage	1 x 2.5" 9.5 mm SATA drive 1 x mSATA	
Expansion Interface	2 x full-size mini PCIe card slots, 1x supported mSATA 1 x SIM card socket	

System Indicator	1 x green LED indicator for system power 1 x green LED indicator for programmable #1 1 x green LED indicator for programmable #2 1 x yellow LED indicator for HDD active 1 x green LED indicator for LAN #1 active 1 x green LED indicator for LAN #2 active
Power Supply	Power input: 9 ~ 36VDC typical: 12/24VDC
Operating Temperature	-40°C ~ +70°C (-40°F ~ +158°F) with W.T. SSD -25°C ~ +55°C (-13°F ~ +131°F) with W.T. HDD
Storage Temperature	-40°C ~ +80°C (-40°F ~ +176°F)
Humidity	5% ~ 95%, non-condensing
Vibration Endurance	3 Grms w/ SSD (5-500Hz, X, Y, Z direction; random) 1 Grms w/ HDD (5-500Hz, X, Y, Z direction; random)
Shock	Comply EN 61373 section 10 table 3 category 1 class A and class B up to 5Grms (30ms, ±X/Y/Z direction)
Dimensions	163.8 mm (6.44") (W) x 108 mm (4.25") (D) x 44 mm (1.73") (H)
Weight (net/gross)	0.77 kg (1.69 lb)/ TBC
Certificate	CE (Class A), EN50155, EN50121, eMark, ISO7637, IEC60945 certificated
EOS support	WEBS, WES 7, Linux