

RCE-21

RAIL-CERTIFIED FANLESS COMPUTER

KEY BENEFITS

- ▶ EN50155, EN50121 for rail vehicle and trackside applications
- ▶ Multiple serial and digital I/O
- ▶ Wide temperature range
- ▶ High shock and vibration resistance
- ▶ Powerful, latest generation Atom® quad core processor



Reliable, powerful fanless rail computer with multiple I/O capabilities. Rugged construction with wide temperature range, shock & vibration resistance and small size provides a powerful computer for many rail vehicle and trackside applications.

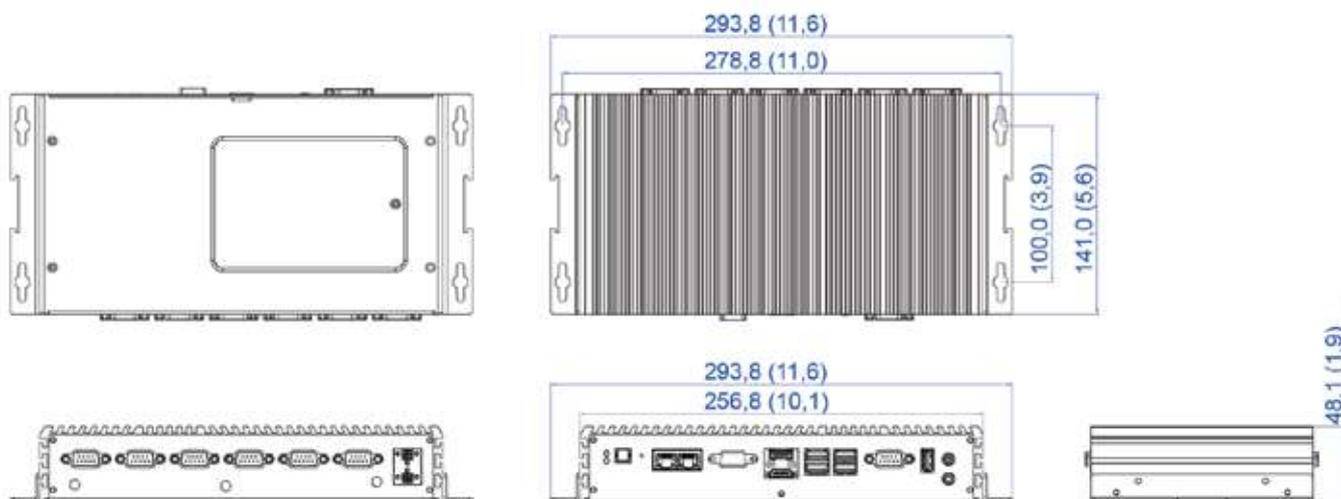


SPECIFICATIONS

RCE-21	Rail-certified Fanless Computer
CPU	Atom E3845 Quad Core, 1.9GHz Atom E3815 Single Core, 1.46GHz
Memory	2GB DDR3, expandable to 8GB
Storage	1 x 2.5" SATA SSD/HDD 1 x mSATA
Graphics	On board HD graphics
Expansion	3 x Mini-PCIe sockets (including mSATA) 1 x SIM socket
LAN	2 x Gigabit LAN by Intel® 82574L Port
I/O	2 x RS232, 4 x RS232/422/485 3 x USB 3.0, 2 x USB 2.0 8 x GPIO
Optional I/O	Isolation for 2 x RS232/422/485 ports
Power Input	9V to 28V, DC-in
Watchdog Timer	Reset: 1 to 255 sec./min. per step
Smart Management	Wake on LAN, PXE supported
HW Monitor	Monitoring temperature, voltages Auto throttling control when CPU overheats
GPS	Onboard GPS Module (Optional)

RCE-21	Rail-certified Fanless Computer
Video	2 x HDMI, 1 x VGA, optional LVDS
Audio	1 x Mic in, 1 x Line out
Operating System	Win 7/8, Linux
PSU	Optional 60W AC Power Adapter
Mounting	Wallmount by mounting bracket
Dimensions	257mm W x 48mm H x 141mm D
Weight	2.1kg
Construction	Aluminium
Temperature	Operating: -25°C to 70°C (SSD) Storage: -40°C to 85°C
Humidity	10% to 95% Humidity, non-condensing
Relative Humidity	95% @ 70°C
Shock	50g, 11ms (SSD)
Vibration	1g, 5-500Hz (HDD)
Certification	CE, FCC, EN50155, EN50121
Ordering Information	RCE-210: Atom E3845 quad core, 2 isolated serial ports RCE-211: Atom E3845 quad core RCE-212: Atom E3815 single core

TECHNICAL DETAILS



E&OE. Captec reserves the right to change specifications without notice.

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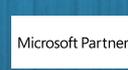
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