



Features

- EN50155 (2017) certified and IP67 rated
- Fanless and ruggedized design
- Robust M12 connectors for dual GbE, USB and power input
- Dual SIM sockets support WWAN redundancy
- Rich I/O interfaces for wireless, SSD, GPS, WWAN
- Ignition power control
- Wide-range voltage GPIO interface



Specifications

System Mainboard	MBT-3001R
CPU Type	Intel® Atom® Processor E3845
Processor Speed	1.91GHz
Memory	2x 2GB DDR3L-1333 SO-DIMM (Dual Channel)
Front panel I/O	CFAST, 2.5" drive bay, 2x SIM sockets 2x M12 USB 2.0 4x antenna connectors 1x M12 VGA, 3x M12 COMs, 2x M12 GbE, 1x M12 power connection 1x M12 GPIO, 1x M12 CAN Bus Status LEDs
Rear Panel External I/O	N/A
Storage	2.5" drive bay for SSD & HDD M.2 SSD Storage
Expansion slots	1x Half-size Mini PCI-E socket (USB 2.0) 1x Full-size Mini PCI-E socket (USB 2.0 + PCI-E) 1x 2230 M.2 E-Key socket (USB 2.0 + PCI-E) 1x 3042 M.2 B-Key WWAN socket (USB 2.0) 1x 2280 M.2 M-Key SSD socket (SATA)
Power Supply	DC 9V~36V / 72V / 110V
Construction	Aluminum
Chassis Color	Black
Mounting	Wall Mount
Dimensions	270.0 (W) x 63.0 (D) x 210.0 (H) mm 10.62" (W) x 2.48" (D) x 8.26" (H)
Operating Temperature	SSD: -40°C ~ 70°C (-40°F~158°F)
Storage Temperature	-40°C ~ 85°C (-40°F~185°F)
Relative Humidity	10 ~ 95% RH @ 45°C (non-condensing)
Vibration	Function: 1 m/s ² , 5Hz ~ 150 Hz (EN 61373) Lifetime: 5.72 m/s ² , 5Hz ~ 150 Hz (EN 61373)
Shock	50 m/s ² , 30 msec (EN 61373)
Certified	EN50155: 2017, EN50153:2014 EN50121-3-2:2015, CE Class-A, FCC Class-A, EN45545

Ordering Information

MPT-3000RP	Intel® Atom® Processor E3845, 128G M.2 SSD, 4G DDR3LRAM, 9V~36VDC, totally IP67, No adaptor
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Dimensions

