

MPT-1000R

Système informatique ferroviaire - Certifié EN50155/EN45545 -

Processeur Intel® Atom™ x7-E3950 - Connexion M12 - Double WWAN



Points Forts

- Certification EN50155
- Châssis durci Fanless
- Connectique robuste M12 : dual GbE, USB
- Onboard CAN bus isolé
- Support socket SIM - Dual WWAN
- Ajout de la fonction de réinitialisation des emplacements de carte
- Batterie RTC à accès rapide

Spécifications

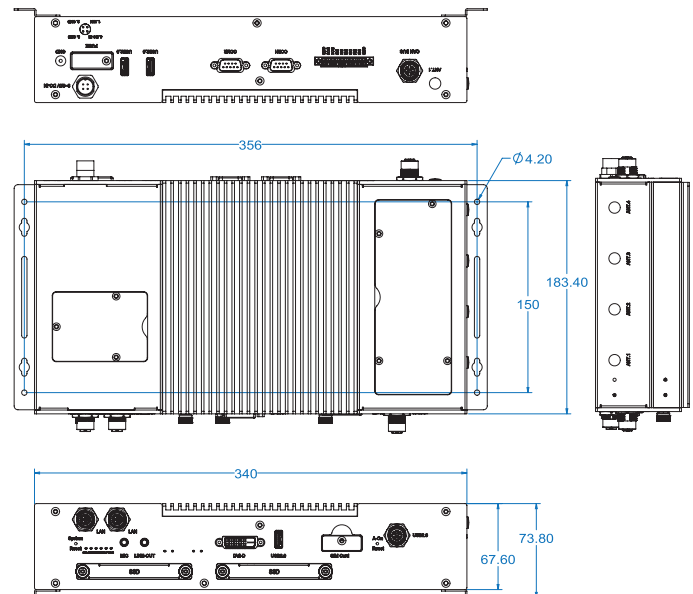
System Mainboard	MBT-1001R
CPU Type	Intel® Atom™ x7-E3950 Processor
System Speed	1.6GHz , up to 2.0GHz
Memory	1x DDR3L SO-DIMM socket (horizontal type) w ECC support, default 4GB non ECC
Construction	Matel
Chassis Color	Black
Front panel I/O	1x power reset button 1x DVI-I 2x M12 X-code GbE LAN, isolated 1x USB 2.0 type-A, isolated 1x M12 A-code USB 2.0 isolated 2x audio jack for Line-in/out 5x LED indications, one is programmable 1x SIM card slot for dual micro SIM card 1x expansion slots reset button
Rear Panel External I/O	1x 10-pin terminal block connector for 2x insulated DO Output type: Darlington transistor Sink current: 500 mA for one channel @ 100% duty Source current: 500 mA for one channel @100% duty cycle Supply voltage: 5V-35V DC Isolation voltage: 2500 VRMS 6x insulated DI Maximum input range: 24V, non-polarity Digital logic levels: 0V-24V, non-polarity Input high voltage: 5V-24V Input low voltage: 0V-1.5V Input resistance: 1.2k @ 0.5W Isolation voltage: 2500 VRMS 1x DSUB9 for RS232/485, isolated 1x DSUB9 for RS485, isolated 1x M12 4-pin D-code for 2 master CANbus, isolated 2x USB 2.0 type-A, isolated 1x M12 3-pin A-code for power input 1x blade fuse
Storage	2x 2.5" device bay for SSD/HDD 1x mSATA via miniPCI-E slot (shared with one 2.5" device)
Expansion slots	1x miniPCI-E full/Half-size, supports mSATA 1x miniPCI-E full/Half-size, supports second SIM card shared with M.2 slot 1x M.2 B-key 30x42 with USB 2.0 and USB 3.0 signal only, supports 2x SIM cards
Power Supply	9V -32VDC, 1.5KV galvanic isolation protection
Mounting	Side mounting, rack mounting with optional bracket
Dimensions	340 (W) x 183.4 (D) x 67.6 (H) mm 13.3" (W) x 7.22" (D) x 2.66" (H)
Operating Temperature	-40°C ~70°C, with SSD, not included add-on cards

Storage Temperature	-40°C ~ 85°C (-40°F~185°F)
Relative Humidity	10 ~ 95% @ 45°C, (non-condensing)
Vibration	Function: 1m/S ² , 5Hz~150Hz (EN 61373) Lifetime: 7.9m/S ² , 5Hz~150Hz (EN 61373)
Shock	50 m/S ² , 30 msec (EN61373)
Certification	EN50155: 2017 CE (EN62368/ EN55032/ EN55025)/ FCC Class B EN45545-2

Référence de commande

MPT-1000RM	MPT-1000R with MBT-1001R, Intel® x7-E3950 processor, w/ 4GB non ECC RAM, no storage
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Dimensions



Remarks: 1. Specifications are subject to change without prior notice.