» MICROSPACE® MPCR50R «





The fanless, Core™2 Duo, 19“ rail computer EN50155 certified

» Video server in railway vehicles, passenger entertainment, passenger safety
» Expandable, e.g. with 8x COM, 4x LAN
» For 24-110V galv. 1.5kV isolated rail power supply
» EN50155, TX certified, M12 connectors

Technical Information

Processor / Performance	Intel® Core™ Duo L2400 / Intel® Core™2 Duo L7400
HDD	80GB 2.5" or 32GB SSD
CF	yes
Memory	up to 3GB
Graphics/Resolution	
Video interface 1	QXGA
Video interface 2	DVI
Serial Port	
COM1 / 2	RS232 DSUB9 / RS323 DSUB9
COM3 / 4	RS232 DSUB9 (CAN) / RS232 DSUB9 (CAN)
USB	2x (2.0 standard) front, 1x (2.0 M12) front
Ethernet	
LAN Port A	10/100BASE-T (M12) with LAN boot
LAN Port B	1GB-LAN (RJ45) with LAN boot
Sound	ALC882, 10W Stereo (DSUB9)
Digital input/output	4x opto output, 4x opto input
DC voltage input (not isol.), V1248	8-58VDC/typ.40W
DC voltage input (1.5kV isol.), Ixx	24/36/48/72/110VDC/typ.40W
Expansion	2x PCIexpress MiniCard, 1x PCI/104express slot, 1x PCI ExpressCard slot
Protection class	IP40
Standard Temperature	-25°C to +55°C (with HD) T1
Extended Temperature	-40°C to +85°C (with SSD) TX
Dimensions (W x L x H in mm)	480 x 132 x 250
Weight	6 kg

Ordering Information

Article	Part-No.	Description
MPCR50R-V1248	814600	12-48 VDC
MPCR50R-I24	814601	24 VDC isolated
MPCR50R-I36	814602	26 VDC isolated
MPCR50R-I48	814603	48 VDC isolated
MPCR50R-I72	814604	72 VDC isolated
MPCR50R-I110	814605	110 VDC isolated
Option MPCR50/R WLAN	807414	MiniCard Intel® 4965AGN with antenna cable
MPCR50 19"-Mountingkit	814617	
Option 32GB SSD	807417	SATA SLC 2.5"-SSD
Option 2. Drive removable	807419	with 80GB Harddisk SATA
Option MPCR50/R GPS	807412	GPS A1080 assembled with antenna cable
Option GSM GPRS/UMTS	807413	MiniCard Expr. assembled, GMS with antenna cable
Option MPCR50R 2xCAN isol	807415	Option: 2xCAN isolated PEAK CAN
MPCxx M12 Powerconnector	814690	M12-Plug with 2m cable for DC input 12-48VDC
MPCxxx RTC-Battery Kit	807470	Maintenancekit
MPCxx M12 USB to Std.USB	814691	M12-Plug with 2m cable to Standard USB connector
MPCxx M12 LAN to Std.LAN	814692	M12-Plug with 2m cable to Standard RJ45-LAN
Downgrade w. SMX945-N270	807404	Atom N270 with 1.6GHz, 2GB RAM assembled
Enhanced Temp.	807713	E48 (-40°C to +85°C)

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