

» MICROSPACE® MPCX28R «



MICROSPACE®

The compact fanless railway computer EN50155 certified

- » Intel® Atom™ based
- » Gateway, passenger entertainment, passenger safety
- » For 24-110V galv. 1.5kV isolated power supply
- » EN50155 certified, M12 connectors, 1500V isolation

Technical Information

Processor / Performance	Intel® Atom™ Z530 / 1.6GHz
SATA exchangeable	Option: 2.5" 80GB or 32GB SSD
CF	Option
Memory	1GB DDR2
Graphics/Resolution	1600 x 1200 (UXGA)
Video interface	DVI-D, Option: VGA
Serial Port	
COM 1	RS232C/ RS422/485
COM 2	RS232C/ RS422/485
USB	2x 2.0 front, 2x 2.0 back, 1x 2.0 (M12) back
Ethernet	
LAN Port A	100BASE-T (M12), with LAN boot, WakeOnLan
LAN Port B	100BASE-T (M12), WakeOnLan
Sound	2x Stereo (Mic. line)
Digital input/output	4x DC-isolated in-/output
DC voltage input (not isol.), V1248	10-54 VDC / typ. 15W
DC voltage input (1.5kV isol.), Ixx	24/36/48/72/110VDC/typ.15W
Expansion	2x PCIe Mini Card, 1x PCI/104
Protection class	IP52, EN50155
Standard Temperature (with HD)	-25°C to +55°C (T1)
Extended Temperature (with SSD)	-25°C to +70°C (T3)
Dimensions (W x L x H in mm)	159 x 190 x 66
Weight	1.6 kg
Special Features	WakeOnLan, RingWake, WakeOnRing, PowerSaveMode

Ordering Information

Article	Part-No.	Description
MPCX28R-V1248	814430	12-48 VDC
MPCX28R-I24	814431	24 VDC isolated
MPCX28R-I36	814432	36 VDC isolated
MPCX28R-I48	814433	48 VDC isolated
MPCX28R-I72	814434	72 VDC isolated
MPCX28R-I110	814435	110 VDC isolated
Option 80GB 24h SATA	807411	80GB Harddisk automotive, SATA
Option 32GB SSD SATA	807417	SATA2 SLC 2.5"-SSD Intel®
Opt. MPCX48/28 Front cover	814325	IP52 Protectioncover
Option MPCX28/R LPT	814439	LPT Port instead of Digital I/O for MPCX28/R
Option MPCX28 WLAN	807430	MiniCard Intel® 4965AGN with antenna cable
Option MPCX28UC GSM/GPS	814438	Telit UC864-G, UMTS/HSDPA, 7.2MBit/s, 12 CH GPS, with antenna cable
Option MPCX28 GPS A1080	807432	GPS assembled with antenna cable
Opt. MPCX28 GSM UMTS/GPRS	807434	PCIex MiniCard UMTS ass., with antenna cable
Opt. MPCX48 2xCAN PEAK.	814369	2xPeak CAN opto-isolated
MPCxx Poweradapter	807436	110/220VAC , 90W Supply, with M12 connector (19V)
MPCxx M12 Powerconnector	814690	M12-Plug with 2m cable for DC input 12-48VDC
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

CORPORATE OFFICES

Europe, Middle East & Africa

Oskar-von-Miller-Str. 1
85386 Eching/Munich
Germany
Tel.: +49 (0)8165/ 77 777
Fax: +49 (0)8165/ 77 279
info@kontron.com

North America

14118 Stowe Drive
Poway, CA 92064-7147
USA
Tel.: +1 888 294 4558
Fax: +1 858 677 0898
info@us.kontron.com

Asia Pacific

17 Building,Block #1,ABP.
188 Southern West 4th Ring Road
Beijing 100070, P.R.China
Tel.: + 86 10 63751188
Fax: + 86 10 83682438
info@kontron.cn

