



MPCX48A

The compact industrial computer

The MPCX48A is based on the Intel Pentium ZC with 2 independent video displays (DVI, VGA, LVDS). A hard drive, a CompactFlash card and two USB memory stick brackets are built-in as mass storage. Expansion options include GPS, GSM and WLAN. Absolutely noiseless and maintenance-free operation is achieved through a robust aluminum profile which integrates passive and fan-free cooling.

Applications

- _ Digital I/Os, optional CAN
- _ Software PLC computer, data capture computer
- _ Measurement technology capture
- _ For 12-24V power supplies

Ordering information

Item	No.	Description
Upgrade to Celeron 373	814305	MPCX48 Upgrade to C373 with 1GHz
Upgrade 512MB to 1GB RAM	807363	1GB RAM installed
Opt. MPCX48 3x dig Out.	814320	3x Relais Output
Opt. MPCX48 Front Cover.	814325	IP52 Protectioncover
Opt. MPCX48 WLAN MiniPCI	814330	WLAN Intel 2915 AGB
Opt. MPCX48 GPS	814335	GPS for MPCX48
Opt. MPCX48 GSM/UMTS.	814346	GSM/UMTS 4-Band for MPCX48 Siemens HC25
Opt. MPCX48 GSM/EDGE.	814341	GSM/EDGE 4-Band for MPCX48 Siemens MC75
MPCX 47/48 Netzteil 3pol.	814380	Powersupply to MPCX47/48, Ignition=ON signal 90W/19VDC, 3pol.
USB-Boot DOS/Linux	814350	Boot inst.OS 1GB f.LX800
Powercord Euro	693061	2 wire for AC-Supply
Powercord USA/JP	693062	2 wire for AC-Supply
Powercord GB	693063	2 wire for AC-Supply
USB Cruiser Micro 1GB	840152	
USB Cruiser Micro 2GB	840153	



Technical data

Type	MPCX48A
CPU	Intel® Processor® C140, 1GH
Chipset	Intel® 855GME
Memory	512MB (max. 1GB)
Hard drive	160GB, 2.5" (-20°C to +50°C)
Optical drive	-
Video controller	Intel® 855GME
Video memory	64MB
3D-Support	DirectX 9
Video interface 1	QXGA
Video interface 2	DVI
Video interface 3	-
Resolution	2048 x 1536 (@ 75Hz)
Keyboard, mouse	USB
Serial interface COM1	RS232C
Serial interface COM2	RS232C
Serial interface COM3	-
Serial interface COM4	-
Parallel interface	LPT
USB V2.0	4x back, 2x front
TV input/Frame grabber	BT878A, SVideo, 3 channels
LAN Port A (with LAN boot)	10/100BASE-T (RJ45)
LAN Port B	-
Audio controller	AC97-2.3
Line output	Stereo
Line input/mic. input	Stereo
SPDif output	yes
Option 1	WLAN MiniPCI
Option 2	Dual-CAN
Option 3	GSM
Option 4	GPS
Digital input/output	Option: 3x isol. in/ 3x relay out
Remote power on/off	yes
Voltage input/power V1224	8V-30V DC / typ. 15W
Plug-in power supply (included)	110/220V AC (+693061)
Expansion	MiniPCI, no PC/104
Power save function	Suspend/Resume, SoftOff, Instant On
Conformity	CE, FCC, e1
Protection class	IP52
Size (W x L x H in mm)	159 x 190 x 66
Weight	3 kg
Housing	Aluminium
Colour	anthracite/black anodized
Noise level	<20dB(A)
Operating temperature	+5°C to +40°C
Extended operating temperature (CF)	-40°C to +70°C (without HD)
Vibration/shock incl. HD/CD/DVD	1/10G
Vibration/shock incl. SSD	16/150G
MTBF (25°C)	40'000h
For operating systems	WIN2000, WIN XP, LINUX
Part no.	814301

Manufacturer:

DIGITAL-LOGIC
smart embedded computers

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