



# MPCV800/I, MPCV855M

The fan-free, expandable industrial computer

The MPCV8xx includes all the standard interfaces (COMs, USB, LAN, VGA) and is internally expandable with two PCI/104 cards. For mass storage, an exchangeable SATA hard drive or CompactFlash on the front is available. For additional functional expansion, Dsub interfaces X1, X2 and X3 are already prepared on the front plate. The robust sheet steel housing has an integrated passive, maintenance-free cooling design.

## Applications

- \_ Software PLC, control computer
- \_ With an MPCV855M as a dual-screen computer
- \_ Measurement technology, data capture
- \_ External 110/220VAC power pack

## Ordering information

Item	No.	Description
Upgrade 512MB to 1GB RAM	807363	1GB RAM installed
Upgrade MPCV8xx SSD 16GB	815052	PATA 16GB 2.5"-SSD, for -25°C to +70°C Temp.
Downgrade MPCV8xx Harddisk	815050	Harddisk disassembled and CF mounted
Option MPCV WLAN miniPCI	815080	Intel 2915 MiniPCI WLAN, incl. antenna + mounting
MPCV AC-Supply 90W	815070	ACin:110-240V,90W Uout:19V,5Amp. without: powercord (693061/62/63)
Option RS422 MSEP/MPCV.	804020	Optoisol.RS422 1 Channel
Option RS485 MSEP/MPCV.	804021	Optoisol.RS485 1 Channel
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

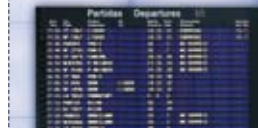
\*Isolation voltage 1600V (1 sec.) or 50VDC

LX800  
ZC140

0.5GHz/1GHz

Industry  
POI

PC/104+



## Technical data

Type	MPCV800	MPCV800I	MPCV855M
<b>CPU</b>	AMD Geode™ LX800, 500MHz	AMD Geode™ LX800, 500MHz	Intel® Processor® C140, 1GHz
<b>Chipset</b>	LX800	LX800	Intel® 855GME
<b>Memory</b>	512MB (max. 1GB)	512MB (max. 1GB)	512MB (max. 1GB)
<b>Hard drive</b>	160GB, 2.5"	160GB, 2.5"	160GB, 2.5"
<b>Optical drive</b>	-	-	-
<b>Video controller</b>	Geode™	Geode™	Intel® 855GME
<b>Video memory</b>	16MB	16MB	64MB
<b>3D-Support</b>	-	-	DirectX 9
<b>Video interface 1</b>	XGA	XGA	QXGA
<b>Video interface 2</b>	-	-	DVI, 24Bit
<b>Video interface 3</b>	LVDS, 18Bit	LVDS, 18Bit	LVDS, 18Bit
<b>Resolution</b>	2048 x 1536 (@ 75Hz)	2048 x 1536 (@ 75Hz)	2048 x 1536 (@ 75Hz)
<b>Keyboard, mouse</b>	USB	PS/2 (Y cable)	USB
<b>Serial interface COM1</b>	RS232C	RS232C	RS232C
<b>Serial interface COM2</b>	RS232C	RS232C	RS232C
<b>Serial interface COM3</b>	-	RS232C, option RS422/485	-
<b>Serial interface COM4</b>	-	RS232C, option RS422/485	-
<b>Parallel interface</b>	-	LPT	-
<b>USB V2.0</b>	4x	4x	4x
<b>Firewire IEEE1394</b>	-	-	-
<b>TV input/Frame grabber</b>	-	-	-
<b>LAN Port A (with LAN boot)</b>	10/100BASE-T (RJ45)	10/100BASE-T (RJ45)	10/100BASE-T (RJ45)
<b>LAN Port B</b>	1GB (RJ45)	1GB (RJ45)	1GB (RJ45)
<b>LAN Port C</b>	-	-	-
<b>Audio controller</b>	-	-	AC97-2.3
<b>Line output</b>	-	-	Stereo
<b>Line input/mic. input</b>	-	-	Stereo
<b>SPDif output</b>	-	-	yes, optical
<b>Option 1</b>	WLAN MiniPCI	WLAN MiniPCI	WLAN MiniPCI
<b>Option 2</b>	SSD 16GB ext. temp.	isolated RS422 (for COM3/4)	SSD 16GB ext. temp.
<b>Option 3</b>	-	isolated RS485 (for COM3/4)	-
<b>Option 4</b>	-	SSD 16GB ext. temp.	-
<b>Digital input/output</b>	24 programmable I/O	24 programmable I/O	24 programmable I/O
<b>Remote power on/off</b>	-	-	-
<b>Voltage input/power, N1224</b>	10V-28V DC / typ. 18W	10V-28V DC / typ. 18W	10V-28V DC / typ. 18W
<b>Plug-in power supply</b>	110/220V AC	110/220V AC	110/220V AC
<b>Expansion</b>	MiniPCI, PC/104-Plus (max. 2 cards)	MiniPCI, PC/104-Plus (max. 2 cards)	MiniPCI, PC/104-Plus (max. 2 cards)
<b>Power save function</b>	Suspend/Resume, SoftOff, Instant On	Suspend/Resume, SoftOff, Instant On	Suspend/Resume, SoftOff, Instant On
<b>Conformity</b>	CE, FCC	CE, FCC	CE, FCC
<b>Protection class</b>	IP40	IP40	IP40
<b>Size (W x L x H in mm)</b>	292 x 146 x 83	292 x 146 x 83	292 x 146 x 83
<b>Weight</b>	3 kg	3 kg	3 kg
<b>Housing</b>	Metal	Metal	Metal
<b>Colour</b>	grey/red	grey/red	grey/red
<b>Noise level</b>	<20dB(A)	<20dB(A)	<20dB(A)
<b>Operating temperature (with HD)</b>	+5°C to +50°C	+5°C to +50°C	+5°C to +50°C
<b>Extended operating temperature</b>	with SSD/CF: -25°C to +70°C	with SSD/CF: -25°C to +70°C	with SSD/CF: -25°C to +60°C
<b>Vibration/shock incl. HD/CD/DVD</b>	1/10G	1/10G	1/10G
<b>MTBF (25°C)</b>	60'000h	60'000h	40'000h
<b>For operating systems</b>	WIN2000, WIN XP, LINUX	WIN2000, WIN XP, LINUX	WIN2000, WIN XP, LINUX
<b>Part no.</b>	815100	815110	815020

Manufacturer:

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