



MPCV800

The universally deployable computer

This totally silent DIGITAL-LOGIC computer for display and control applications operates on the basis of the GEODE LX800 with passive cooling. The main focus is on the two LAN ports, the service-friendly hard drive and the expansion with 2 PC/104-Plus cards. The hard drive can be replaced without opening the housing or be replaced with a robust CompactFlash disk (part no. 815050). Two internal PCI/104-Plus (ISA & PCI) slots are available for expansion. There are 3 connector openings (X1, X2 and X3) in the replaceable front panel for cabling additional functions. The power comes from a plug-in power supply or via the connecting terminals (optional). 24 programmable I/O lines are available for control purposes.

Applications:

- _ Control computer
- _ Automation computer
- _ Data acquisition computer



Ordering information

Item	No.	Description
MPCV800	815100	with GEODE LX800, 256MB, 40GB-HD, 2x LAN, 4x USB, COM1/2
Upgrade	815060	256 to 512 MB memory
	815062	256 to 1GB memory
Downgrade	815050	1x CompactFlash holder instead of hard drive
Option	815080	WLAN – 80211 b/g
	815070	Adapter 220/110V 90W



Technical data

MPCV800

CPU	AMD GEODE LX800, 500MHz
2nd Level Cache	0kB
Chipset	LX800
Memory	256MB (max. 1GB)
Hard drive	40GB, 2.5" (max. 80GB)
Optical drive	-
Video controller	GEODE
Video memory	16MB
3D-Support	-
Video interface 1	XGA
Video interface 2	-
Video interface 3	LVDS, 18-bit
Resolution	2048 x 1536 (@ 75Hz)
Keyboard, mouse	USB
Serial interface COM1	RS232C
Serial interface COM2	RS232C
Serial interface COM3	-
Serial interface COM4	-
Parallel interface	-
USB V2.0	4x
Firewire IEEE1394	-
TV input/Frame grabber	-
LAN Port A (with LAN boot)	100/10Base-T (RJ45)
LAN Port B	1GB (RJ45)
LAN Port C	-
SCSI	-
Audio controller	-
Line output	-
Line input/mic.	-
SPDif output	-
Option 1	WLAN MiniPCI
Option 2	-
Option 3	-
Option 4	-
Digital input/output	24 programmable I/O
Remote power on/off	-
Voltage input/power	10V-30V DC / typ. 18W
Plug-in power supply	110/220V AC
Expansion	MiniPCI, PC/104-Plus (max. 2 cards)
Power save function	Suspend/Resume, SoftOff, Instant On
Conformity	CE, FCC
Protection class	IP40
Size (W x L x H in mm)	292 x 146 x 83
Weight	3 kg
Housing	Metal
Colour	grey/red
Noise level	<20dB(A)
Operating temperature	+5°C to +50°C
Extended operating temperature	-
Vibration/shock incl. HD/CD/DVD	1/10G
MTBF	60'000 hrs.
Operating systems	WIN2000, WIN XP, LINUX