



AMD Geode LX800 - 500MHz - MPCV800/I/M
Intel CeleronM 1GHz -MPCV855/I/M

Feature

- AMD Geode LX800 or Intel Celeron M
• 500MHz (MPCV800x) or 1GHz (MPCV855x)
• 256 MB DDR-RAM, max. 1GB
• LVDS 18Bit
• 10/100 Base-T LAN-Ethernet
• 1Gbit Ethernet
• 4x USB V2.0 Ports
• 2.5" -40 GB HDD
• COM1, COM2,
• RTC and Watchdog Timer
• PC/104(+) BUS Connector



Ordering Information

Table with 3 columns: Item Codes, Part#, Description. Lists various models like MPCV800, MPCV800/I, MPCV800/M, MPCV855, MPCV855/I, MPCV855/M.

Options

Table with 3 columns: Options, Part#, Description. Lists options like MPCV-AC90, MPCV-CF, MPCV-WLAN, MPC40A/X48MPCV512, MPC40A/X48/MPCV 1GB, MSEP-RS422, MSEP-RS485.

Other options may be available

Description

With the MICROSPACE-PCV800/855 (MPCV800/855) Advanced Digital-Logic offers an embedded computer board based on either the AMD processor Geode LX800 or Intel Celeron M. These Systems are based on the new EPIC size board from Digital-Logic. The standard MSEP800/MSEP855 also incorporates USB V2.0, graphic, dual LAN, COM1 & COM2 and the possibility of expandable functions via PC/104plus (ISA and PCI). Beside the base model we also offer Industrial and Multimedia Version (see options). Up to 3 parallel displays (VGA, DVI, LVDS) may show 3 similar or 2 different pictures. Up to four serial interfaces with RS232C (industrial version only), alternatively RS422/485 available. The System is fanless and comes in a IP30-rated case.

Data is subject to change without notice



Feature Technical Specifications

FEATURES	FUNCTIONS	REMARKS	OPTIONS
Item code	MPCV-800	MPCV-855	
CPU	Geode LX800	Intel Celeron M 1GHz	
2nd Level Cache			
Performance (MHz)	500MHz	1GHz	
DRAM Min-Max (MB)	256MB DDR DRAM, max. 1GB	256MB DDR DRAM, max. 1GB	
Power Management			
DiskOnChip Socket			
CompactFlash Socket	Optional	Optional	1x type I/II, front slot (not hot-plug)
Mouse, Keyboard			
Floppy Interface	Micorfloppy	Microfloppy	26pin
IDE Interface	E-IDE	E-IDE	
Onboard IDE-Flash			
COM1	RS232	RS232C	
COM2	RS232	RS232C	
COM3	optional	optional	on MPCV800/I or MPCV855/I
COM4	optional	optional	on MPCV800/I or MPCV855/I
LPT1	optional	optional	on MPCV800/I or MPCV855/I
USB	4x V2.0	4x V2.0	
LAN-PortA	10/100Base-T	10/100Base-T	
LAN-Port B	1Gbit Ethernet	1Gbit Ethernet	
Audio	optional	optional	On MPCV800/M or MPCV855/M
Video Controller	Geode LX800	i855GME Extreme Grafic	
Video Datapath	Max. 16MByte	64MByte	
Video Memory			
DVI Display			On MPCV855/M
LVDS Display	yes	yes	18Bit
Analog VGA interface	Up to 1920x1440@85Hz	Up to 1920x1440@85Hz	
Protection Class	IP30	IP30	
EEPROM Support			
Watchdog			
other	ISA Bus, PCI Bus, Digital I/O	ISA Bus, PCI Bus, Digital I/O	
DC Power supply	9-30V, typ. 10W	9-30V typ. 15W	
Power Suspend			
Cooling Type			
Operating Temp.	0°C to +50°C	0°C to +50°C	
Extended Temp.	none	none	
Weight (gr)	3kg	3kg	

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