



Micronix PV-0588

PC/104 CPU Module

6x86-300MHz

- Fanless CPU module
- Super low-power: 0.8 - 3.0W
- Temperature: 0-85°C



Doc: M5228DM.doc

SPECIFICATIONS :

CPU+Chipset:	NS Geode GXLV/GX1 & GX5530 chipset with built-in 6x86-300 MMX CPU, GXLV support low-power 0-85°C CPU (1.5~5.4W), GX1 supports very low-power 0-85°C CPU (0.8~3W)
Cache Memory:	16KB L1 cache memory
I/O Chipset:	NS PC97317
BIOS:	Award BIOS, 128KB (Flash) EPROM
DRAM:	1 x 144-pin SO-DIMM socket on solder side. Supports 32MB ~ 128MB SDRAM.
LCD/VGA w/ MPEG II:	SMA 64-bit LCD/VGA, supports CRT and TFT LCD flat panel up to 1280x1024x8 BPP and 1024x768x16 BPP, supports MPEG1 and MPEG2 assist, 41-pin LCD connector
USB :	2 USB ports
IrDA :	Yes
Optional IDE Flash Disk:	Daughter board supports 4/8/16/32/64/96/128/192MB IDE Flash Disk
Bus type:	PC/104 Connector
Speaker:	Buzzer on Board
CMOS Backup:	Backup by Lithium battery
PS/2 Keyboard:	5-pin header
PS/2 Mouse:	5-pin header
IDE Interface:	Supports one port up to 2 x IDE devices
FDD:	Two 3 1/2" or 5 1/4" FDD, Drives A, B swappable
Parallel Port:	One bi-directional SPP/EPP/ECP parallel port configured as LPT1,2,3
Serial Port:	2 ports 16-byte FIFO 16C550 serial port. Jumper selectable 1xRS-232 + 1xRS-232/422/485
Watchdog Timer:	Programmable 0 ~ 30 sec.
Miscellaneous Connectors /Jumpers:	Reset, HDD LED, 2-pin/3-pin single +5V power connector
Power Requirement:	Single +5V power by using 2-pin/3-pin connector. CPU support low-power type (1.5W ~ 5.4W) or optional very low-power type (0.8W ~ 3.0W)
Dimension:	95mm x 90mm
Operating Temperature:	0-85°C
Just needs metal cooler:	Fanless