



Micronix PV-6070

- Low-power PC/104 Embedded Vortex86 166 MHz System-on-Chip CPU Module with 2S/CRT/LCD/Ethernet/128MB SDRAM on board



Micronix PV-6070 is Vortex86 based CPU board with very low power consumption. Micronix PV-6070 has 128MB RAM onboard which is sufficient for most Windows & Linux applications. It also supports "boot on USB", whereby you can use any USB memory as booting device. PV-6070 will withstand extended temperatures and shock and vibration of mobile and automotive equipment.

Specifications:

Chipset	Embedded Vortex86, 166MHz System-on-Chip CPU Real Time Clock with lithium battery backup
BIOS	AMI BIOS
RAM	128MB SDRAM on board
I/O	Enhanced IDE interface x 1 RS232 port x 1 RS232/RS485 port x 1 Parallel Port x 1 FDD interface x 1 USB ports x 2
Bus Interface	ISA and PC/104 standard compliant
Connector	2.0mm 44-pin box header for IDE 2.0mm 10-pin box header x 2 2-pin header for RS-485 2.0mm 26-pin box header 2.0mm 34-pin box header 2.54mm USB ports x 2 10-pin box header for VGA connection 44-pin box header for LCD connection 5-pin box header for AT-keyboard 5-pin box header for PS-2 Mouse One socket for DiskOnChip from 8MB to 256MB RJ-45 connector for 10/100Base-T
Display	SiS550 embedded SOC, AGP Rev 2.0 Compliant Shared system memory area up to 128MB CRT/LCD display Resolution up to 1920 x1440 true colors
LAN	Realtek 8100B single chip Full-duplex transfer mode, doubles effective bandwidth NE2000 compatible with built-in 16KB RAM buffer Throughput: 10/100 Mbps
Power Requirements	Single Voltage +5V @1.4A
Dimensions	90(L) x 96(W) mm
Operating Temperature	-20~+60°C
Watch Dog Timer	Software Watchdog Timer Three 8254 Compatible Programmable 16-bit Counters

Model no.	Description
PV-6070	PC/104 Vortex 86-166MHz CPU with Ethernet, 128MB RAM onboard & serial I/O



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