



**NASA-6311VL**

- P-III Low power C3 SBC
- SVGA, CRT, LCD
- Single LAN
- C&T69000 w/ 2 MB VRAM

**Pentium-III /Low power C3/Celeron**

**VGA/LCD/LAN on board**

**General specifications**

<p><b>CPU</b> Socket 370FC-PGA/FC-PGA2 supports Intel Pentium 3 ,Low Power C3 CPU up to 900Mhz with FSB @ 100/66 MHz</p> <p><b>System Chipset</b> Intel® 440BX</p> <p><b>BIOS</b> AMI 256KB Flash BIOS including VGA/LCD BIOS and LAN Boot ROM</p> <p><b>Green Function</b> power saving supported in BIOS. DOZE /STANDBY / SUSPEND modes, ACPI &amp; APM</p> <p><b>Secondary Cache</b> Integrated on CPU ,support ECC function</p> <p><b>SDRAM Memory</b> Support up to 256MB of PC-133 or PC-100 Registered SDRAM in one 168-pin DIMM sockets</p> <p><b>PCI Enhanced IDE with Ultra DMA ATA66/33 IDE Port x 1</b> Support up to 1 x IDE devices, support two IDE HDD, Ultra DMA transfer rates 33 MB/sec</p> <p><b>Watchdog Timer</b> 4 level programmable watchdog timer, from 10~80 seconds.</p> <p><b>Real-time Clock</b> built-in super I/O with lithium battery backup for 10 years of data retention. CMOS data backup of BIOS setup and default.</p> <p>DiskOnModule/DiskOnChip <b>Support DOM up to 512MB/DOC up to 288MB</b></p> <p><b>PCI bus</b> Supports 32bit PCI bus</p>	<p><b>High Speed Multi I/O</b></p> <p><b>2 x Serial ports:</b> 1 x RS232, 1 x RS-232/422/485</p> <p><b>Floppy Disk Drive Interface</b> 1 x floppy disk drives, 5<sup>0</sup>" (360 KB or 1.2 MB) and 3½" (720 KB, 1.44 MB) or LS-120 Drive</p> <p><b>Bi-directional Parallel Port</b> 1xSPP, EPP and ECP mode.</p> <p><b>Compact Flash socket</b> Support Compact flash socket and IBM 1.8" MicroDrive 340MB/1GB</p> <p><b>Keyboard and Mouse Connectors</b> external PS/2 KB/Mouse port (2-in1 mini DIN) onboard AT Keyboard port (5-pin box header)</p> <p><b>Network Interface Controller</b></p> <p><b>LAN Chipset</b> 1x Realtek 8139C support 10/100 Mbps</p> <p>LAN Management <b>support Intel LAN Desk Service Agent 6.0</b></p> <p><b>Display Controller</b></p> <p><b>VGA Chipset</b> C&amp;T69000 w/ 2 MB VRAM</p> <p><b>LCD</b> Support AGP 2X,1x LVDS connector support LCD,DV1.0</p> <p><b>Audio</b> AC97 Audio on board</p>	<p>Display Type <b>CRT (VGA, SVGA, XGA, SXGA) &amp; TFT LCD</b></p> <p><b>System Monitoring and Alarm</b> For CPU &amp; System Temperature, System Voltage and Cooling Fan RPM</p> <p><b>Temperature/fan monitoring</b> 686B on chip function</p> <p><b>Environmental and Power</b></p> <p><b>Power Requirements</b> +5V 5.3A and +12V 0.1A max. (Based on 500 MHz)</p> <p><b>Board Dimensions</b> 185 mm x 122 mm.PICMG 2.0 Compliant</p> <p><b>Board Weight</b> <b>0.3 Kg.</b></p> <p><b>Operating Temperature</b> 0 to 60°C (32 to 140°F)</p>
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