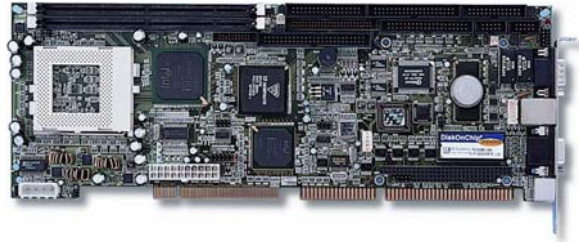


NASA-6396VL

- P-III SBC with LVDS / LAN
- Intel 440BX Chipset
- Dual View, LVDS, TV-out, VGA
- S3 AGP 2x 3D, 8MB SGRAM, LAN, MPEG 2
- 2xUSB ports, IrDA
- 1x RS232, 1 x RS232/422/485

**P-III SBC with VGA / LVDS / 8M VRAM / TV-out Fast Ethernet SBC****General specifications**

<p>CPU Socket 370 supports Pentium-III, II, and Low Power CPU</p> <p>System Chipset Intel 440BX chipset with</p> <p>BIOS Award BIOS, PnP support, Anti-Boot Virus function, Boot Room & 256KB FLASH EPROM for BIOS update</p> <p>Green Function power saving supported in BIOS. DOZE / STANDBY / SUSPEND modes, ACPI & APM</p> <p>Secondary Cache Integrated on CPU and runs on CPU core frequency</p> <p>Data Bus & Bus Speeds 32-bit PCI</p> <p>PCI Enhanced IDE with Ultra DMA supports 2 ports and up to 4 ATAPI devices, Ultra DMA transfer rates 33 MB/sec</p> <p>DiskOnModule Support DOM up to 1MB</p> <p>VGA Display Controller Chipset S3 chipset support Dual View, TV-Out, AGP 2x, 8MB SGRAM on board supports 2D and 3D</p> <p>Compact Flash Socket : This item is optional with extra cost</p>	<p>VGA and LCD chipset S3 chipset support LVDS, TFT, DSTN, Mono LCD flat panel</p> <p>VGA Type and TV-Out / DUAL VIEW Support up to 1600 x 1200 at true color CRT (VGA, SVGA, XGA, SXGA) & TFT LVDS LCD, support TV-out, MPEG-2, and Dual View</p> <p>Video Memory 8MB SGRAM Memory on board support all high resolution modes</p> <p>Ethernet Controller Chipset Intel 82559, support 10/100 Mbp speed auto-negotiation, duplex, flow-control, VLAN.</p> <p>Ethernet Connectors RJ-45 Ethernet ports.</p> <p>LAN Management support IntelLAN Desk Service Agent 6.0</p> <p>PC104 connector on board</p> <p>High Speed Multi I/O Chipset Winbond W83627</p> <p>Serial ports 2xCOMs (1x RS232 and 1x RS232/422/485)</p>	<p>USB & IrDA Two onboard USB v1.1 ports support hot-plug function, one IrDA interface</p> <p>Floppy Disk Drive 2 floppy disk drives or LS-120 Drive</p> <p>Bi-directional Parallel Port 1xSPP, EPP and ECP mode.</p> <p>Keyboard and Mouse Connectors external PS/2 KB/Mouse port</p> <p>Environmental and Power</p> <p>Power Requirements +/- 5V; +/- 12V ATX power connector</p> <p>Board Dimensions 338 mm x122 mm. (13.3"x4.88"),PICMG 2.0 Compliant</p> <p>Board Weight 0.6 Kg.</p> <p>Watchdog Timer Programmable watchdog timer, from 0-1024 seconds.</p> <p>Operating Temperature 0 to 55°C (32 to 131°F)</p> <p>■ Ordering Information NASA-6396VL Full-size SBC withVGA, LVDS, 8MB SGRAM, Fast Ethernet</p>
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