

NASA-6387VLL

- PIII,PII, and P-III level Low Power CPU up to 1.1 Ghz , FSB-133 SBC
- FSB : 133 Mhz
- Intel 815EP Chipset
- VGA, CRT, 4MB VRAM on chip
- Dual Intel Fast Ethernet, Audio
- 2 x COMs ports
- 2 x USB ports, IrDA port
- DiskOn Module / DOC
- Audio port supported



P4 SBC with FSB 533 DDR VGA / 16M VRAM

LVDS, Dual Fast Ethernet

General specifications

CPU Socket 370 FC-PGA/FC-PGA2 supports PIII, P-II, and P-III level Low Power Fanless CPU up to 1.1 GHz	Disk On Module / Disk On Chip Support DOM / DOC up to 512MB	Watchdog Timer 16 level programmable watchdog timer,
FSB Bus: 133/100 MHz	USB & IrDA Two USB ports and one IrDA Header	Real-time Clock built-in super I/O with lithium battery backup for 10 years of data retention. CMOS data backup of BIOS setup and default.
System Chipset Intel 815E AGPset	PCI bus Supports 32bit PCI bus	System Monitoring and Alarm Chipset Intel 815EP For CPU & System Temperature, System Voltage and Cooling Fan RPM
BIOS Award BIOS ,256KB FLASH EPROM for BIOS update	High Speed Multi I/O Chipset Winbond W83627	Environmental and Power Requirements Through the backplane power connector
SDRAM Memory up to 768MB of PC-133 Registered SDRAM in three 168-pin DIMM sockets	Serial Ports 2 COMs (1x RS232 Port, 1XRS232/422/485 port)	Board Dimensions 338 mm x 122 mm. PICMG compliant
VGA Display Controller On-die Intel 815E chip integrated 2D/3D graphics Accelerator. On die 4MB VRAM	Floppy Disk Drive Interface 2 floppy disk drives, 5" (360 KB or 1.2 MB) and 3½" (720 KB, 1.44 MB) or LS-120 Drive	Board Weight 0.6 Kg.
Display Type CRT (VGA, SVGA, XGA, SXGA)	Parallel Bi-directional Port 1xSPP, EPP and ECP mode.	Operating Temperature 0 to 55°C (32 to 131°F)
Ethernet Controller Chipset 1x Intel 82562EM chipset , and 1 x Intel 82559 chipset support dual 10/100 Mbps, auto-negotiation, duplex ,flow-control, VLAN,Remote Boot Function	Keyboard and Mouse Connectors external PS/2 Mouse port (6 Pin mini DIN) onboard Ps/2 Keyboard port (5-pin JSP header)	
Audio AC-97 Audio on board	Green Function power saving supported in BIOS. DOZE / STANDBY / SUSPEND modes, ACPI & APM	
	Secondary Cache Integrated on CPU ,support ECC	
	PCI Enhanced IDE with Ultra DMA supports 2 ports and up to 4 ATAPI devices, Ultra DMA transfer rates 33 MB/sec	

■ Ordering Information

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Full Size SBC with Intel 815E chipset, VGA, Fast Ethernet