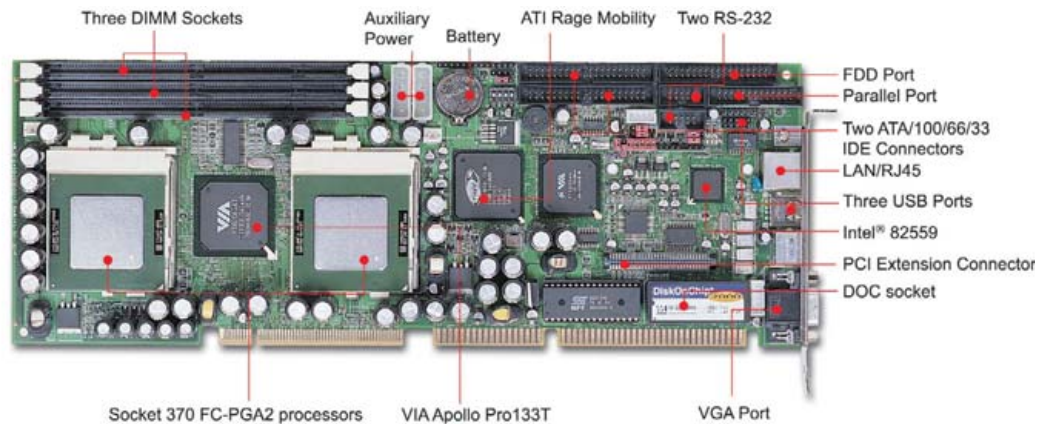


ROBO-667

Dual Intel® Pentium® III (FC-PGA2) processor based
PICMG SBC with AGP VGA and Fast Ethernet



FEATURE

- Reliable design for high speed dual Intel® Pentium® III processors
- VIA Pro133T chipset delivers high performance on the Socket 370 platform
- PC100/133MHz SDRAM for cost effective memory support up to 1.5GB
- ECC function for data sensitive application
- ATi Mobility with up to 8MB memory for high-quality video to eliminate the need for a PCI video card, saving a PCI slot and additional expense
- On-board Intel 10BASE-T/100BASE-TX Fast Ethernet for high speed data transfer

General

CPU	CPU & Package: Intel® Pentium® III processors in the FC-PGA/FC-PGA2 370 package (Dual Processor) FSB: 133/100MHz
Chipset	VIA VT82C694T and VT82C686B
Memory	Up to 1.5GB PC133/100 SDRAM on three 168-pin DIMM sockets
BIOS	Award BIOS
Display	- ATi Mobility M1 graphics controller * 8MB display memory * Display solution up to 1280x1024, 32-bit colors at refresh rate 85Hz
Ethernet	- 10BASE-T/100BASE-TX Ethernet - IEEE 802.3u auto-negotiation support - One RJ-45 connector
Audio	N/A
SCSI	N/A
Expansion Interface	Proprietary PCI connection interface
ISA Bus	64mA high driving ISA bus interface to backplane for legacy ISA slots
EIDE	Support four EIDE devices with Ultra DMA 100/66/33
Solid State Disk	DOC socket for up to 288MB
I/O	- On-board VIA VT82C686B integrated super I/O - Up to two floppy disk drives - Two serial, one parallel, one IrDA and three USB ports - One 6-pin mini-DIN connector for keyboard and mouse - One 5-pin header for external keyboard connection
ACPI Function	- ATX function with 4-pin header connect to backplane - Modem-Ring-On and Wake-On-LAN
Hardware Monitoring	System monitor (fan, temperature, voltage)
Watchdog Timer	- Programmable via software from 0.5 sec. to 254.5 min. - Can be enabled/disabled by jumper
Power Requirement	+5V@15A; +12V@0.2A (typ.)
Mechanical	Dimension: 338.5(L) x 122(W) / 13.33"(L) x 4.8" (W) PCB: 8-layer
Environmental	Operating Temperature: 0 to 55°C Storage Temperature: -20 to 75°C Relative Humidity: 5% to 95%, non-condensing
Approval	CE, FCC Class A
MTBF	126,595 hrs

Ordering Information

Standard	ROBO-667 Dual Pentium® III or Pentium® III-S processors based PICMG SBC with AGP and Fast Ethernet
Optional	ROBO-U160 SCSI extension module with Portwell OmniPCI™ connection interface ROBO-N100 Single Fast Ethernet port extension module with Portwell OmniPCI™ connection interface