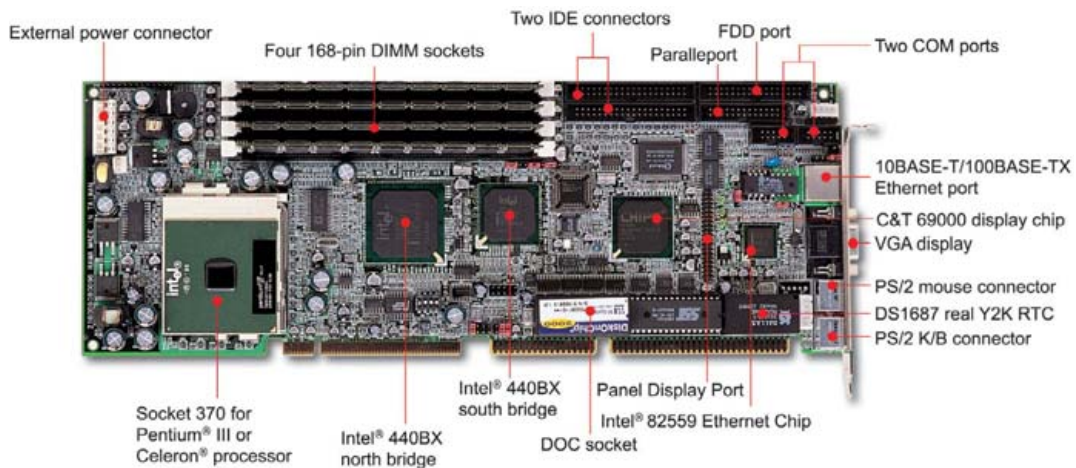


ROBO-698

Intel® Pentium® III or Celeron® processor based PICMG SBC with VGA and Fast Ethernet



FEATURE

- Reliable design for high speed Intel® Pentium® III or Celeron® processor
- Intel® 440BX AGPset, the most stable and highly market recognized chipset from Intel
- PC100MHz SDRAM for cost effective memory support
- ECC function for data sensitive application
- C&T 6000 and 2MB SDRAM provide a high performance, low power, highly integrated solution and versatile panel support
- On-board Intel 10BASE-T/100BASE-TX Fast Ethernet for high speed data transfers
- Standard features for embedded system, like H/W monitoring, WDT, SSD and Wake-On-LAN
- One DOC socket for booting Windows NT directly

Ordering Information

Standard	ROBO-698 Pentium® III or Celeron® processor based PICMG SBC with VGA and Fast Ethernet
Optional	LCD-KIT-RS Optional kit for TFT SVGA LCD panel LCD-KIT-RX Optional kit for XGA LCD panel

General

CPU	CPU & Package: Intel® Pentium® III / Celeron® processor in the FC-PGA/PPGA 370 package FSB: 100/66MHz
Chipset	Intel 82440BX AGPset
Memory	- Up to 1GB PC100 SDRAM on four 168-pin DIMM sockets - Support ECC
BIOS	Award BIOS
Display	- C&T 69000 video display chip - 2MB display memory - Display resolution up to 1280x1024 at refresh rate 60Hz - Support for CRT display or TFT/DSTN flat panel (optional) - TMDS/LVDS interface support (optional)
Ethernet	- 10BASE-T/100BASE-TX Ethernet - IEEE 802.3u auto-negotiation support - One RJ-45 connector
Audio	N/A
SCSI	N/A
Expansion Interface	N/A
ISA Bus	64mA high driving ISA bus interface to backplane for legacy ISA slots
EIDE	Support four EIDE devices with Ultra DMA 33
Solid State Disk	DOC socket for up to 288MB
I/O	- On-board Winbond W83977ATF super I/O - Up to two floppy disk drives - Two serial, one parallel, one IrDA and two USB ports - Two 6-pin mini-DIN connectors 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	- Adjustable via hardware jumper setting from 0.5 sec. to 64 sec. - Programmable via software from 0.5 sec. to 254.5 min.
Power Requirement	+5V@6A; +12V@140mA; -12V@30mA (typ.)
Mechanical	Dimension: 338.5(L) x 122(W) / 13.33"(L) x 4.8" (W) PCB: 6-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	114,078 hrs