ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
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- ITAR-certified secure asset solutions

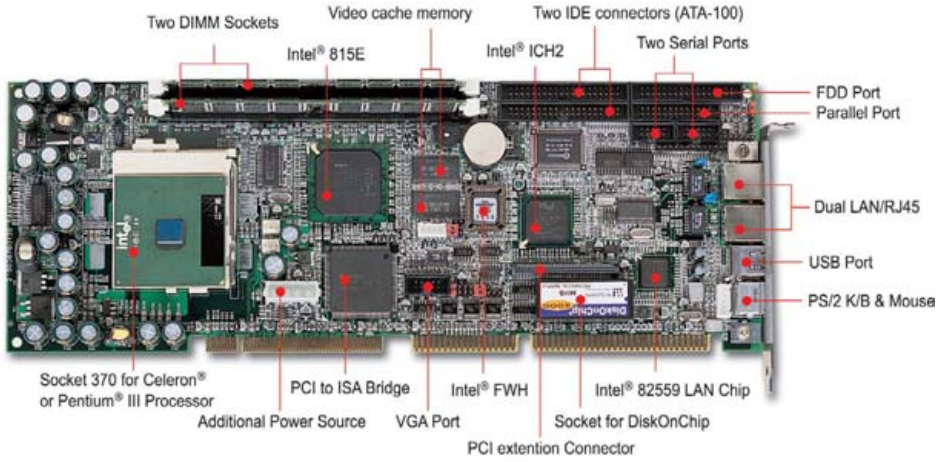
Expert team | Trust guarantee | 100% satisfaction

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Find the *Portwell ROBO-678N* at our website: ***Click HERE***

ROBO-678

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



FEATURE

- Reliable design for high speed FC-PGA2 Intel® Pentium® III or Celeron® processor
- Intel® 815E chipset, backed by Intel EID's long product life support
- PC100/133MHz SDRAM for cost effective memory support
- 4MB external display memory enable optimum system memory utilization for maximum 2D/3D graphics performance through Direct AGP
- 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
- Proprietary PCI connector for expansion (optional daughter board provided, such as Ultra 160 SCSI or Fast Ethernet)
- One DOC socket for booting Windows NT directly

Ordering Information

Standard	**ROBO-678** Pentium® III or Celeron® (FC-PGA2) processor based PICMG SBC with VGA and dual Fast Ethernet **ROBO-678N** Pentium® III or Celeron® (FC-PGA2) processor based PICMG SBC with VGA and single Fast Ethernet **ROBO-678W** Pentium® III or Celeron® (FC-PGA2) processor based PICMG SBC with VGA without 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

General

CPU	CPU & Package: Intel® Pentium® III / Celeron® processor in the FC-PGA/ FC-PGA2 370 package FSB: 133/100/66MHz
Chipset	Intel® 815E and ICH2
Memory	Up to 512MB PC100/133 SDRAM on two 168-pin DIMM sockets
BIOS	Award BIOS
Display	- 4MB display memory - Display resolution up to 1600x1200, 256 colors at refresh rate 85Hz
Ethernet	- 10BASE-T/100BASE-TX Ethernet - IEEE 802.3u auto-negotiation support - Dual 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 Winbond W83627HF super I/O - Up to two floppy disk drives - Two serial, one parallel, one IrDA and two USB ports (only one available when installed into standard chassis) - 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@7A; +12V@200mA; -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	100,687 hrs

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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