

ARTISAN®
TECHNOLOGY GROUP

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

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

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along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

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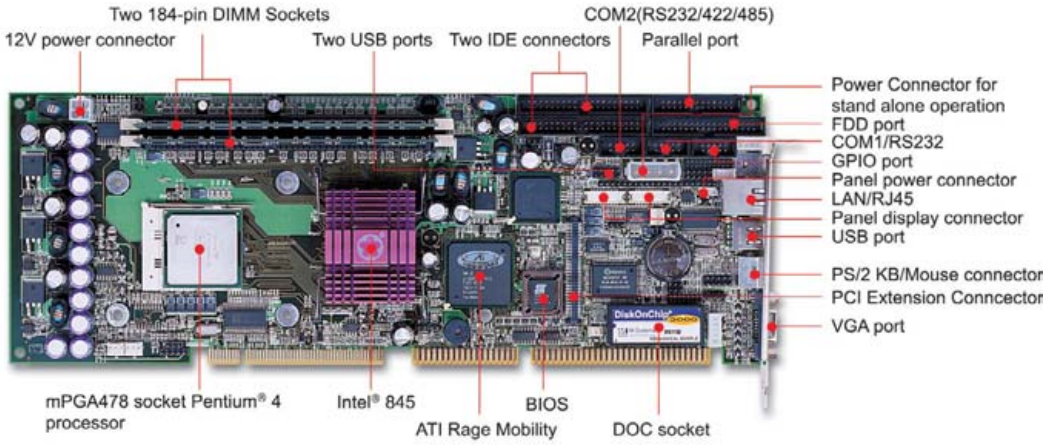
Expert team | Trust guarantee | 100% satisfaction

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Find the *Portwell ROBO-8710VLA* at our website: ***Click HERE***

ROBO-8710VLA

Intel® Pentium® 4 or Celeron® processor based PICMG SBC with DDR SDRAM, AGP 4X VGA, Fast Ethernet and Audio



FEATURE

- Reliable design for higher speed Intel® Pentium® 4 processor
- Intel® 845E chipset, backed up by EID's long product life support
- High speed mainstream DDR SDRAM memory
- ECC function for data sensitive application
- ATI M6 3D graphics controller supports versatile interfaces for most of image process transaction terminals and panel display system applications
- High integration input/output function, such as high driving digital I/O and SMBus
- Standard features for embedded system, like H/W monitoring, WDT, SSD and Wake-On-LAN
- Additional external power connector for stand alone operation for rugged embedded system integration

Ordering Information

Standard	**ROBO-8710VLA** Socket 478 Pentium® 4 or Celeron® processor based PICMG SBC with DDR SDRAM, AGP 4X VGA, Fast Ethernet and Audio
Optional	**ROBO-U160H** SCSI extension module with Portwell OmniPCI™ connection interface **ROBO-N201G** Single Gigabit Ethernet port extension module with Portwell OmniPCI™ connection interface **ROBO-N201G2** Dual Gigabit Ethernet port extension module with Portwell OmniPCI™ connection interface **ROBO-N100P** Single Fast Ethernet port extension module with Portwell OmniPCI™ connection interface **DVI-D Cable** TMDS adapter cable for DVI interface flat panel **PA-M1ATU** Multimedia kit for P4 SBC with Audio, TV out and USB ports

General

CPU	CPU & Package: Intel® Pentium® 4 or Celeron® processor in the mPGA478 package FSB: 533/400MHz
Chipset	Intel® 845E and ICH2
Memory	- Up to 2GB DDR 266/200 SDRAM on two 184-pin DIMM sockets - ECC support
BIOS	Award BIOS
Display	- ATI Mobility M6 graphics controller * 16MB display memory * TMDS & LVDS interfaces support * Dual View support * TV out
Ethernet	- 10BASE-T/100BASE-TX Ethernet - IEEE 802.3u auto-negotiation support - One RJ-45 connector with two LED indicators
Audio	AC'97 2.2 Audio
SCSI	N/A
Expansion Interface	Proprietary PCI connection interface
ISA Bus	64mA high driving ISA bus interface to backplane
EIDE	Support four EIDE devices with Ultra DMA 100/66/33
Solid State Disk	- DOC socket for up to 384MB
I/O	- Two serial, one parallel, one IrDA and three USB 1.1 ports - 8 high driving GPIO (4 GPI, 4 GPO) - One 6-pin mini-DIN connector for keyboard and mouse - One 5-pin header for external keyboard connectio
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.
Power Requirement	+5V@3.7A; +12V(CPU)@2.7A; +12V(System)@0.6A (typ.)
Mechanical	Dimension: 338.5(L) x 122(W) / 13.33"(L) x 4.8" (W) PCB: 8-layer
Environmental	Operating Temperature: 0 to 60°C Storage Temperature: -20 to 80°CC Relative Humidity: 5% to 90%, non-condensing
Approval	CE, FCC Class A
MTBF	109,211 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.

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

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