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TECHNOLOGY GROUP

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Custom engineering
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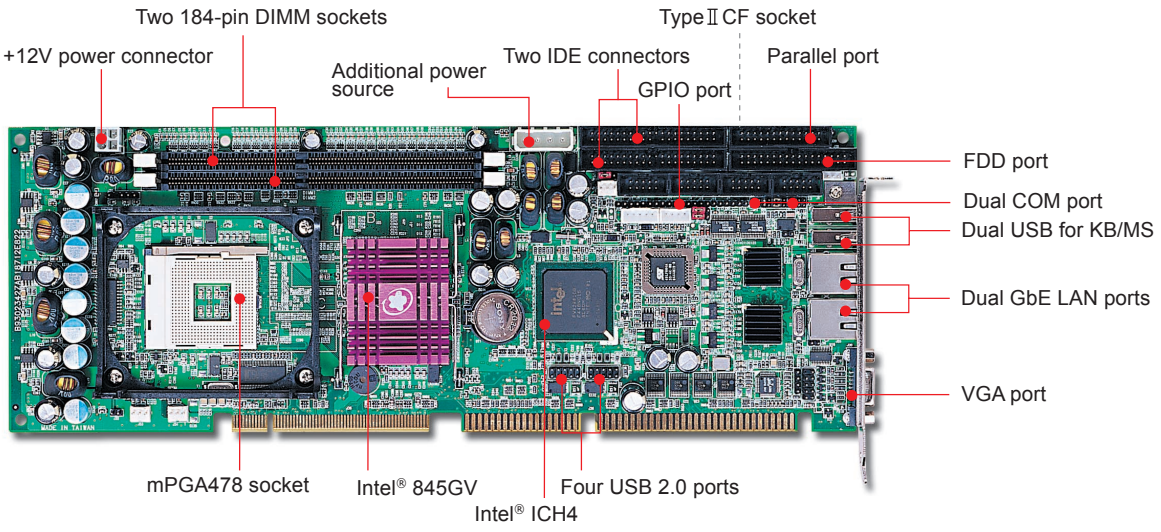
Expert team | Trust guarantee | 100% satisfaction

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Find the *Portwell ROBO-8712EVG2A* at our website: *Click HERE*

ROBO-8712EVG2A

Intel® Pentium® 4 or Celeron® (D) processor based PICMG SBC with DDR SDRAM, VGA, Dual Gigabit Ethernet, Audio and USB 2.0



FEATURES

- High quality and reliable design for wider range Intel® Pentium® 4/Celeron® (D) (0.13 micron & 90 nm process) processor support mission critical operation
- Support Mobile Intel® Pentium 4-M processor for low power consumption application
- Intel® 845GV chipset with high performance integrated graphics, backed up by Intel EID's long product life support
- Best cost/performance solution, targeting at most of the industrial applications
- Dual on-board Gigabit Ethernet for network redundancy application
- Standard features for embedded system deployment like H/W monitoring, WDT, SSD and Wake-On-LAN

ORDERING GUIDE

Standard	**ROBO-8712EVG2A** Socket 478 Pentium® 4 or Celeron® (D) processor based PICMG SBC with DDR SDRAM, VGA, dual Gigabit Ethernet, audio and USB 2.0
	ROBO-8712EVLA Socket 478 Pentium® 4 or Celeron® (D) processor based PICMG SBC with DDR SDRAM, VGA, Fast Ethernet, audio and USB 2.0
Optional	**PA-M1AU** Multimedia kit for P4 SBC with audio and USB ports
	PS/2 Keyboard/Mouse Cable with Bracket PS/2 keyboard / mouse connectors on bracket

"*" Represents to be "over-clocking"

GENERAL

Processor	CPU & Package: Intel® Pentium® 4 or Celeron® (D) or Mobile Intel® Pentium® 4-M processor in the mPGA478 package FSB: 800*/533/400MHz
Chipset/Core Logic	Intel® 845GV and ICH4
System Memory	Up to 2GB DDR 400*/333/266 SDRAM on two 184-pin DIMM sockets
BIOS	Award BIOS
Storage Devices	Support four EIDE devices with Ultra DMA 100/66/33
Solid State Disk	- One Type II CF socket - On Secondary EIDE channel - Bootable for no drives on primary channel
Watchdog Timer	Programmable via software from 0.5 sec. to 254.5 min.
Expansion Interface	N/A
Hardware Monitoring	System monitor (fan, temperature, voltage)
Power Requirement	Typical: +5V@4.0A; +12V(CPU)@6.76A; +12V (system)@0.02A
Dimension	Dimension : 338.5(L) x 122(W) mm; 13.33"(L) x 4.8" (W) PCB: 8-layer
Environment	Operating Temperature: 0 to 55°C Storage Temperature: -20 to 80°C Relative Humidity: 5% to 90%, non-condensing
MTBF	96,119 hrs

I/O

MIO	Two serial (RS-232 x1, selectable RS-232/422/485 x1), one parallel, one FDD channel
IrDA	IrDA 1.0
Ethernet	- 10BASE-T/100BASE-TX/1000BASE-T Ethernet - IEEE 802.3u auto-negotiation - Dual RJ-45 connector with two LED indicators
Audio	AC'97 2.2 Audio
USB	Six USB 2.0 ports
Keyboard & Mouse	Two ports USB 2.0 on bracket dedicated to Keyboard & Mouse

DISPLAY

Graphic Controller	Intel® GMCH integrated graphics controller
Graphic Memory	Dynamic 8 ~ 64MB shared display memory (Intel® DVMT)
Display Interface	Display resolution up to 2048x1536 @ 60Hz refresh

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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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