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TECHNOLOGY GROUP

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Custom engineering
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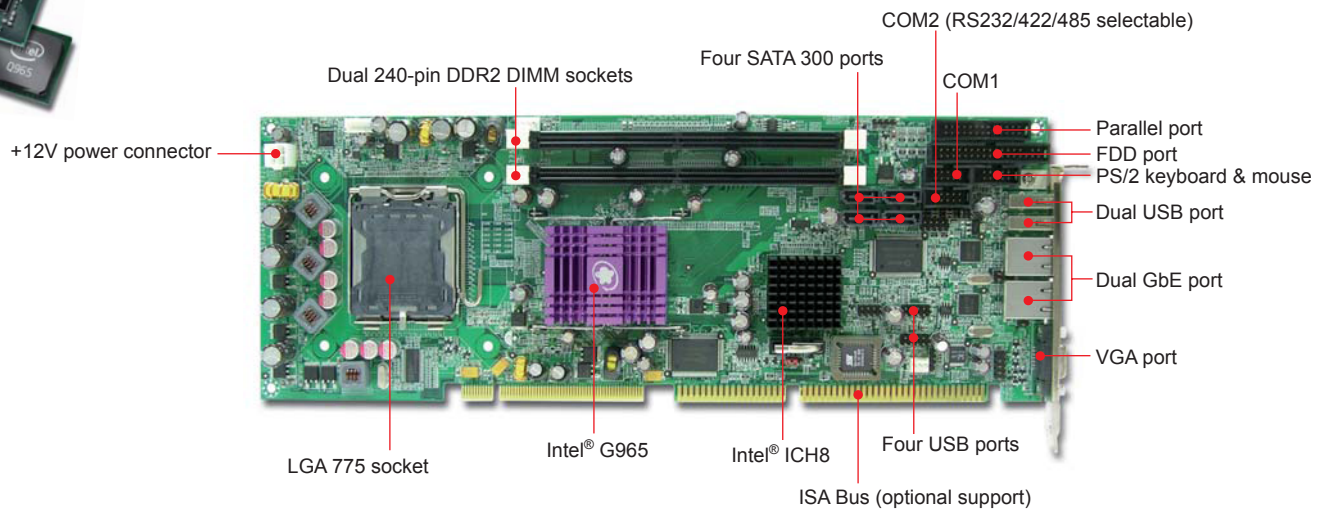
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Find the *Portwell ROBO-8717VG2A* at our website: *Click HERE*

ROBO-8717VG2A

Intel® Core 2 Duo processor based PICMG SBC with DDR2 SDRAM, VGA, Dual Gigabit Ethernet, Audio and USB





FEATURES

- Support Intel® Core 2 Duo processor that only generates up to 65W TDP. Lower TDP than socket 478 Pentium® 4 processor makes the vertical mount slot board more reliability
- Low profile processor cooler improve stability and reliability of whole system
- More features such as EM64T, EIST, XD & VT can be easily applied to system by changing processor
- Integrated Intel® GMA 3000 graphics engine that built with high grade display capability
- Lockable cable latched notches of SATA connector that secure connection in vibration condition

ORDERING GUIDE

Standard	**ROBO-8717VG2A** LGA-775 Core 2 Duo processor based PICMG 1.0 SBC with DDR2 SDRAM, VGA, Dual Gigabit Ethernet, Audio and USB
Optional	**PA-M1AU** Multimedia kit with audio and USB ports **PS/2 Keyboard/Mouse Cable with Bracket** PS/2 keyboard/mouse connectors on bracket **Low Profile LGA775 Cooler** High efficiency slim cooler that increases reliability of system

GENERAL

Processor	CPU & Package: Intel® Core 2 Duo, Pentium® D, Pentium® 4, Celeron® D processor in the LGA-775 package FSB: 1066/800/533MHz
Chipset/Core Logic	Intel® G965 and ICH8
System Memory	Up to 4GB DDR2 800/667/533 SDRAM on dual 240-pin DIMM socket
BIOS	Award BIOS
Storage Devices	EIDE: N/A SATA: Support four SATA 300 drives
Solid State Disk	N/A
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: +3.3V@3.7A; +5V@3.4A; +12V@4.7A
Dimension	Dimension: 338.5(L) x 122(W) mm ; 13.33"(L) x 4.8"(W) PCB: 6-layer
Environment	Operating Temperature: 0 to 55°C Storage Temperature: -20 to 80°C Relative Humidity: 5% to 90%, non-condensing
MTBF	TBA

I/O

MIO	Two serial (RS-232x1, selectable RS-232/422/485x1), one parallel and one FDD channel
IrDA	IrDA 1.0
Ethernet	-Dual 10BASE-T/100BASE-TX/1000BASE-T Ethernet -PCI Express x1 interface based Gigabit Ethernet -Dual RJ-45 connectors with two LED indicators
Audio	HDA interface, 2-channel Audio
USB	Six USB 2.0 ports
Keyboard & Mouse	Two USB 2.0 ports on bracket dedicated to keyboard & mouse

DISPLAY

Graphic Controller	-GMCH integrated Intel® Graphics Media Accelerator 3000 (Intel® GMA 3000) -Provides improved 3D multimedia capabilities including DirectX 9, Shader Model 3.0, OpenGL 1.5, Advanced De-interlacing, MPEG-2 hardware acceleration
Graphic Memory	Intel® Dynamic Video Meomory Technology (DVMT) 4.0 shares system memory up to 256MB
Display Interface	Support CRT interface up to QXGA 75Hz (2048x1536)

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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