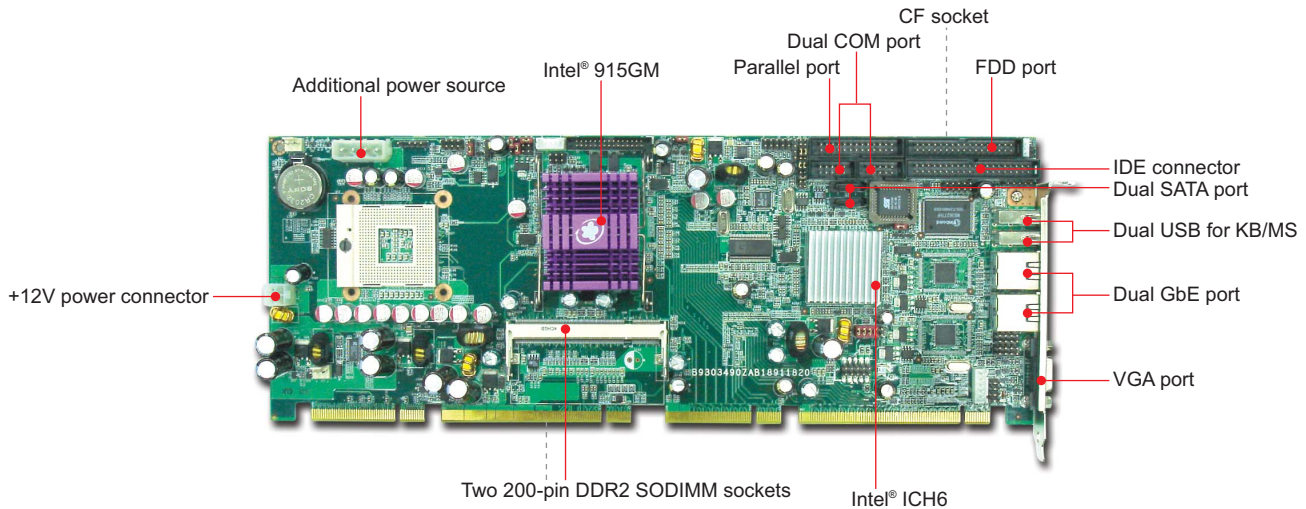


ROBO-8911VG2A

Intel® Pentium® M or Celeron® M processor based PICMG 1.3 SHB with DDR2 SDRAM, VGA, Dual Gigabit Ethernet Audio and USB



FEATURES

- ROBO-8911 offers flexible 400MHz and 533MHz FSB selection of Intel® Pentium® M / Celeron® M that features high computing power with low heat
- Intel® new integrated engine GMA 900 provides better display quality and effects thru faster engine and SGI OpenGL 1.4, Microsoft DirectX 9.0 support or adapts the latest external PCI Express x16 interface graphics card via backplane
- Support dual view function via VGA, LVDS and TV interfaces
- Dual Gigabit Ethernet port for fail-over, load balance and so on applications
- Four SATA 150 ports for high speed storage interface and easy routing of cable (project based support RAID 0, 1 or Intel® Matrix Storage)
- Support four PCI Express x1, one PCI Express x 16 and four PCI expansion via backplane

ORDERING GUIDE

Standard	ROBO-8911VGA Socket mPGA479M Pentium® M or Celeron® M processor based PICMG 1.3 SHB with DDR2 SDRAM, VGA, Gigabit Ethernet and Audio and USB
Optional	PA-M1ATU Multimedia kit with audio, TV-out and USB ports PS/2 Keyboard/Mouse with Bracket PS/2 keyboard/mouse connectors on bracket

* Specifications are subject to change without notice.

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General

CPU	CPU & Package: Intel® Pentium® M or Celeron® M processor in the mFCPGA package FSB: 533/400MHz
Chipset	Intel® 915GM and ICH6
System Memory	Up to 2GB DDR2 533/400 SDRAM on two 200-pin SODIMM sockets
BIOS	Award BIOS
Display	- Intel® 915GM integrated Intel Graphics Media Accelerator 900 (Intel GMA 900) - Dynamic share system memory up to 224MB (Intel® DVMT 3.0) or static share system memory up to 128MB - Display resolution up to 2048x1536 @ 85Hz refresh - Provide incredible visual quality, smooth video playback and support for key 3D features - Capability to drive CRT, LVDS panel and TV-out
Ethernet	- 10BASE-T/100BASE-TX/1000BASE-T Ethernet - Dual RJ-45 connector with two LED indicators
Audio	AC'97 2.3 Audio
SCSI	N/A
PCI Express Interface	- One PCI Express x16 - Four PCI Express x1
PCI	- Four PCI master
EIDE	Support two EIDE devices with Ultra DMA 100/66/33
Solid State Disk	One Type II CF socket; On Primary EIDE channel
I/O	- Support four SATA 150 devices - Two serial, one parallel, one IrDA and eight USB 2.0 ports (two ports on bracket for keyboard & mouse) - 8 high driving GPIO (programmable GPI or GPO)
ACPI Function	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	TBA
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°C Relative Humidity: 5% to 90%, non-condensing
Approval	CE, FCC Class A