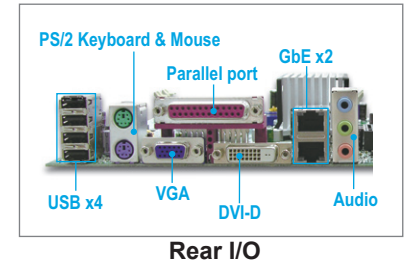
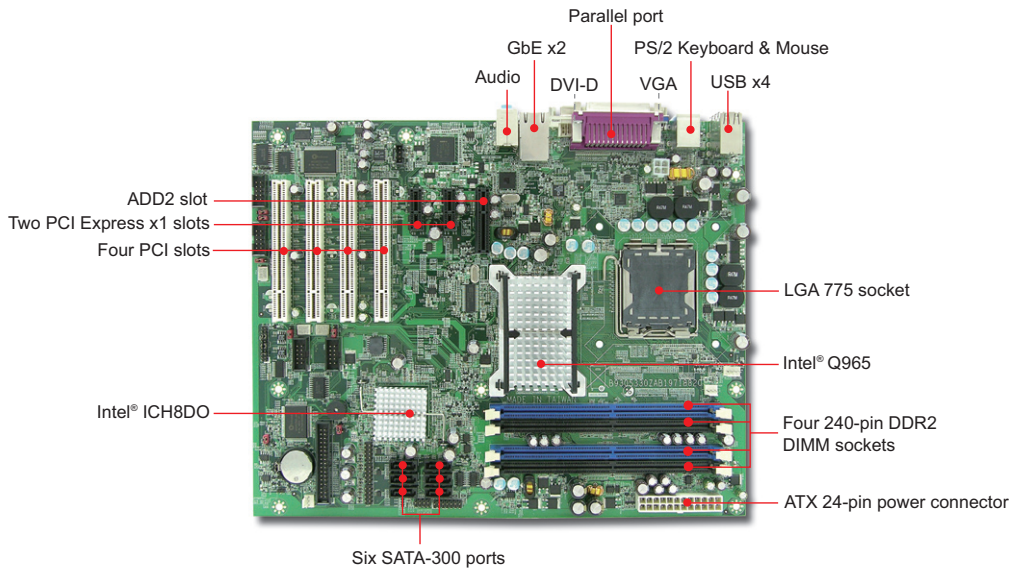


RUBY-9718VG2AR

Intel® Core™ 2 Quad processor based ATX Industrial Mainboard with onboard DVI/VGA Dual-Display, DDR2 SDRAM, VGA, Dual Gigabit Ethernet, Audio and USB



FEATURES

- Industrial mainboard in ATX form factor that supports all Intel® mainstream desktop processors - Core™ 2 Quad, Core™ 2 Duo, Pentium® D, Pentium® 4, Celeron® D processor in LGA-775 package
- Benefits such as Hyper-Threading, EM64T, dual-core, EIST, XD & VT of processor can be easily applied to system by changing processor
- Onboard dual independent display: VGA and DVI-D
- One ADD2 graphics slot for ADD2 card
- Two PCI Express x1 slots and four 32-bit PCI expansion slots
- Six SATA-300 ports, Intel® Matrix Storage Technology with RAID 0, 1, 5, 10 support

GENERAL

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|---------------------|--|
| Processor | CPU & Package: Intel® Core™ 2 Quad, Core™ 2 Duo, Pentium® D, Pentium® 4, Celeron® D processor in the LGA-775 package FSB: 1066/800/533MHz |
| Chipset/Core Logic | Intel® Q965 and ICH8DO |
| System Memory | Up to 8GB DDR2 800/667/533 SDRAM on four 240-pin DIMM sockets |
| BIOS | Award BIOS |
| Storage Devices | Six SATA 300 ports with RAID 0/1/5/10 support by Intel® Matrix Storage Technology |
| Solid State Disk | N/A |
| Watchdog Timer | Programmable via software from 1 sec. to 255 min. |
| Expansion Interface | - One ADD2 slot (single SDVO bus) - Two PCI Express x1 slots - Four 32-bit PCI expansion slots |
| Hardware Monitoring | System monitor (fan, temperature, voltage) |
| Power Requirement | +12V(CPU)@8.75A; 12V(System)@3.6A; 5Vsb(System)@0.13A; 5V(System)@5.6A; 3.3V(System)@2.81A |
| Dimension | Dimension : 304.8(L) x 243.8(W) mm; 12"(L) x 9.6" (W) |
| Environment | Operating Temperature: 0 to 55°C Storage Temperature: -20 to 80°C Relative Humidity: 5% to 90%, non-condensing |
| MTBF | TBD |

ORDERING GUIDE

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|-----------------|---|
| Standard | RUBY-9718VG2AR Intel® Core™ 2 Quad processor based ATX Industrial Mainboard with onboard DVI/VGA Dual-Display, DDR2 SDRAM, Dual Gigabit Ethernet, Audio and USB |
|-----------------|---|

I/O

| | |
|------------------|---|
| MIO | Four serial ports(RS232/Powered selectable x2, selectable RS232/422/485 x1, RS232 x1), one FDD, 12 GPIO |
| IrDA | N/A |
| Ethernet | - Dual 10BASE-T/100BASE-TX/1000BASE-T Ethernet (Intel® 82573L, Intel® 82566DM) - PCI Express x1 interface based Gigabit Ethernet - Dual RJ-45 connector with two LED indicators at rear I/O panel |
| Audio | HD Audio interface, 2-channel Audio |
| USB | Ten USB ports (Four ports at rear I/O panel; six ports internal) |
| Keyboard & Mouse | PS/2 keyboard/mouse at rear I/O panel |

DISPLAY

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|--------------------|--|
| Graphic Controller | - GMCH integrated Intel® Graphics Media Accelerator 3000 (Intel® GMA 3000) - ADD2 graphics slot (single SDVO bus) for ADD2 card - Onboard dual independent display VGA and DVI-D |
|--------------------|--|