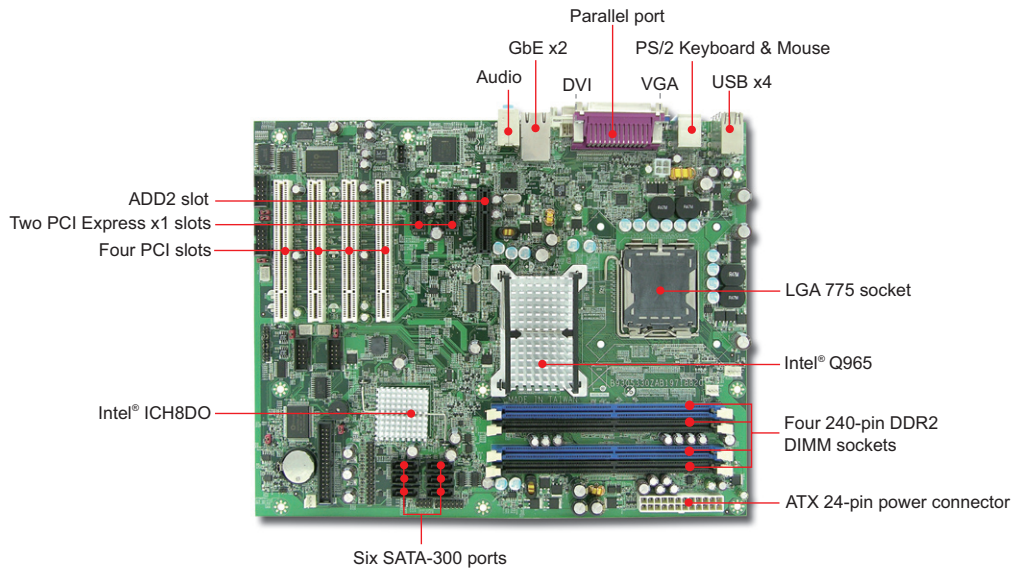


# RUBY-9718VG2AR

Intel® Core™ 2 Quad processor based ATX Industrial Mainboard with onboard 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
- 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

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	TBD
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

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

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
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