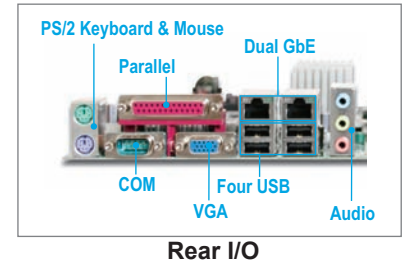
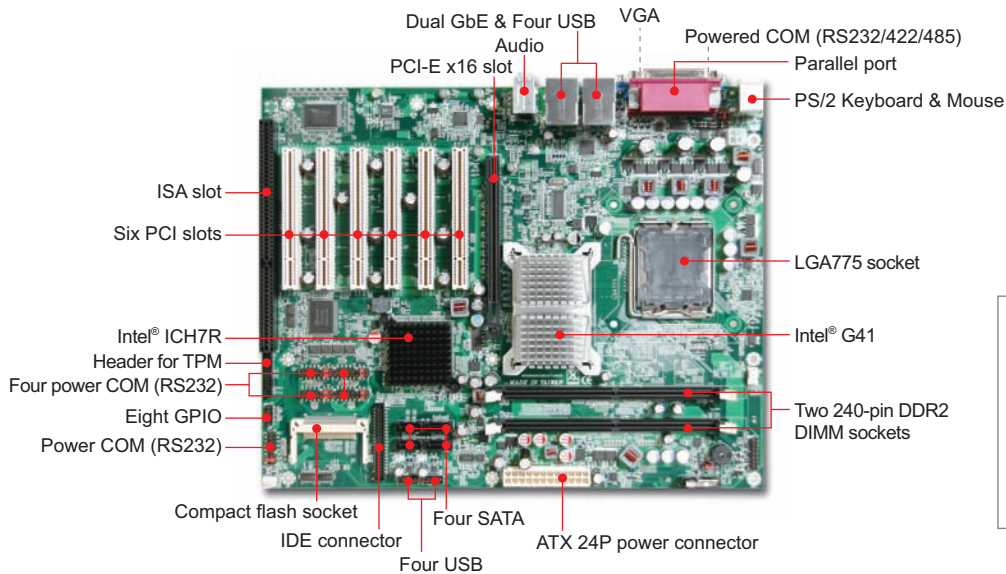


RUBY-9719VG2AR

Intel® Core™ 2 Duo/Core™ 2 Quad Processor based ATX Motherboard with DDR2, VGA, Dual Gigabit Ethernet, Audio and USB



FEATURES

- Intel® Core™ 2 Quad / Core 2 Duo Processor and Intel® G41 Chipset, FSB up to 1333MHz
- Two 240-pin DIMMs support dual channel DDR2 SDRAM up to 4GB
- Dual Gigabit Ethernet port
- Six 32-bit PCI slots / Five PCI slots and One ISA slot
- Four SATA-300 ports support Intel Matrix Storage Technology with RAID 0, 1, 5, 10
- One 44pin IDE and one Compact flash share the same channel
- PCIE x16 slot can support x1, x4, x8 or x16 cards

GENERAL

Processor	CPU & Package: Intel® Core™ 2 Quad, Intel® Core™ 2 Duo processors in the LGA-775 Land Grid Array package targeted for desktop platforms
Chipset/Core Logic	Intel® G41 and ICH7R
System Memory	Max. up to 4GB DDR2 667/800 SDRAM on two 240-pin DIMM sockets with dual channel mode
BIOS	AMI BIOS
Storage Devices	- Four SATA 300 ports (RAID 0/1/5/10) - One IDE 44-pin connector - One Compact Flash connector (share with IDE channel)
Watchdog Timer	Programmable via software from 1 sec. to 255 min.
Expansion Interface	- One PCI-Express x16 slot - One ISA slot and five 32-bit PCI slots or Six 32-bit PCI slots
Hardware Monitoring	System monitor (fan, temperature, voltage)
Dimension	Dimension : 305(L) x 244(W) mm; 12"(L) x 9.6" (W)
Environment	Operating Temperature: 0 to 60°C Storage Temperature: -20 to 80°C Relative Humidity: 5% to 95%, non-condensing
MTBF	TBD

ORDERING GUIDE

Standard	<p>RUBY-9719VG2AR 45nm Intel® Core™ 2 Duo/Core™ 2 Quad Processor based ATX Motherboard with DDR2, VGA, Dual Gigabit Ethernet, Audio and USB</p> <p>RUBY-9719VGA (One LAN, w/o ISA & RAID) 45nm Intel® Core™ 2 Duo/Core™ 2 Quad Processor based ATX Motherboard with DDR2, VGA, One Gigabit Ethernet, Audio and USB, w/o ISA & RAID</p>
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I/O

MIO	- Six Powered serial ports: One RS232/422/485 (5V/12V) selectable at rear I/O and Five RS232 (5V/12V) internal - One Parallel port at rear I/O - 8 GPIO internal - LPC pin header for optional TPM module
Display	VGA
Ethernet	- Dual Gigabit Ethernet Controller (Intel® 82583V x2) - Dual RJ-45 connector with two LED indicator at rear I/O panel
Audio	HD Audio interface (Mic-In, Line-In, Line-Out)
USB	Eight USB ports (Four ports at rear I/O panel; Four ports internal)
Keyboard & Mouse	PS/2 keyboard/mouse at rear I/O panel

DISPLAY

Graphic Controller	- Intel® G41 integrated Intel® Gen. 5.0 GMA 4500 Graphics - Intel® Dynamic Video Memory Technology 5.0 - Onboard display: VGA
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