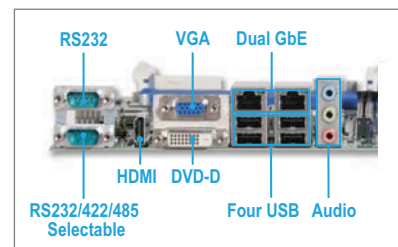
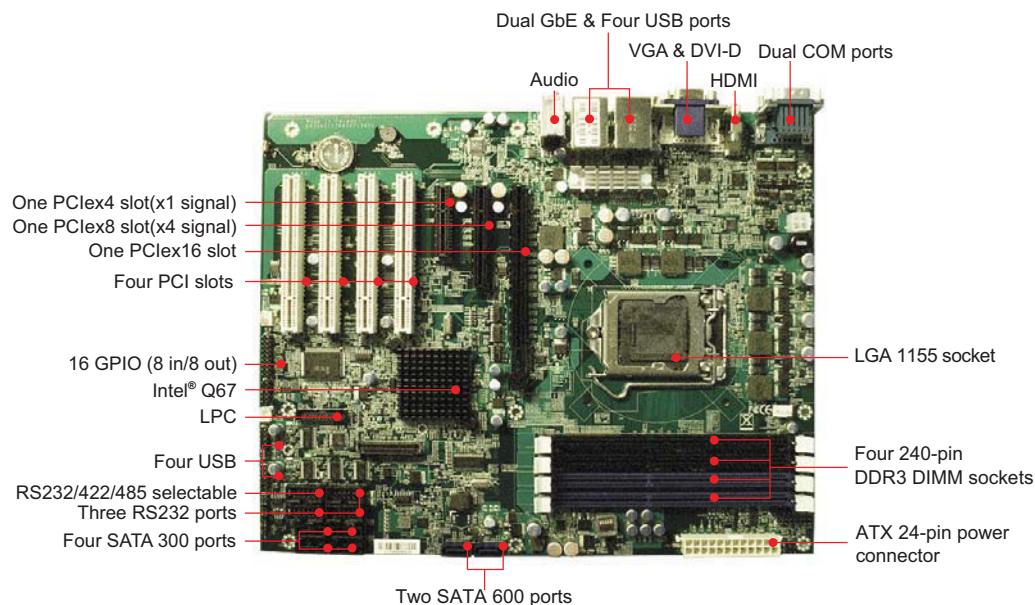


RUBY-D712VG2AR

Intel® Core™ i7 processors based
ATX with DDR3 SDRAM, Dual
Display, Dual Gigabit Ethernet
and USB Ports



Rear I/O

FEATURES

- Intel® Core™ i3, i5 and i7 Processors (Quad Core CPU support)
- Four long DIMMs support dual channel DDR3 non-ECC SDRAM up to 32GB
- Dual Display by VGA / DVI / HDMI
- RAID Support
- PCIe slots support
- Six COM ports support
- Intel® Active Management Technology 7.0

SYSTEM

Processor	CPU & Package: Intel® Core™ i3/i5/i7 processor in LGA1155 socket
Chipset/Core Logic	Intel® Q67
System Memory	Up to 32GB DDR3 1333/1066 non-ECC SDRAM on four 240-pin DIMM sockets with dual channel mode
BIOS	AMI uEFI BIOS
Storage Devices	- SATA 3Gb(4 ports) + 6Gb(2 ports) - Support RAID 0/1/5/10
Watchdog Timer	Programmable via software from 0.5 sec. to 254.5 min.
Expansion Interface	- One PCIe x 16 slot - One PCIe8 slot(x4 signal) - One PCIe4 slot(x1 signal) - Four PCI slots
Hardware Monitoring	System monitor(fan, temperature, voltage)
Power Requirement	TBA
Dimension	305(L) x 244(W) mm; 12"(L) x 9.6"(W)
Environment	Operation temperature: 0~60° C Storage temperature: -20~80° C Operation humidity: 5~90% non-condensing
MTBF	TBD

ORDERING GUIDE

Standard	RUBY-D712VG2AR ATX IMB. LGA1155 CPU. Q67. DDR3 / VGA / DVI / HDMI / Dual GbE / COM / Audio / USB
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I/O

MIO	- Six Serial ports: One RS232 and one RS-232/422/485 selectable at rear IO, three RS232 and one RS232/422/485 selectable ports internal - 16 GPIO internal - LPC pin header
Ethernet Interface	- Dual Gigabyte Ethernet Controller (Intel® 82579LM & 82574L) - PCI Express x1 interface based Gigabit Ethernet - Dual RJ-45 connector with two LED indicators
Audio	HD Audio interface, Mic-in, Line-in, Line-out
USB	Twelve USB 2.0 ports (Four ports external, Eight ports internal)

DISPLAY

Graphic Controller	- Intel® HD Graphics 2000 integrated Graphics Engine - Onboard dual independent display by VGA/ DVI/ HDMI
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