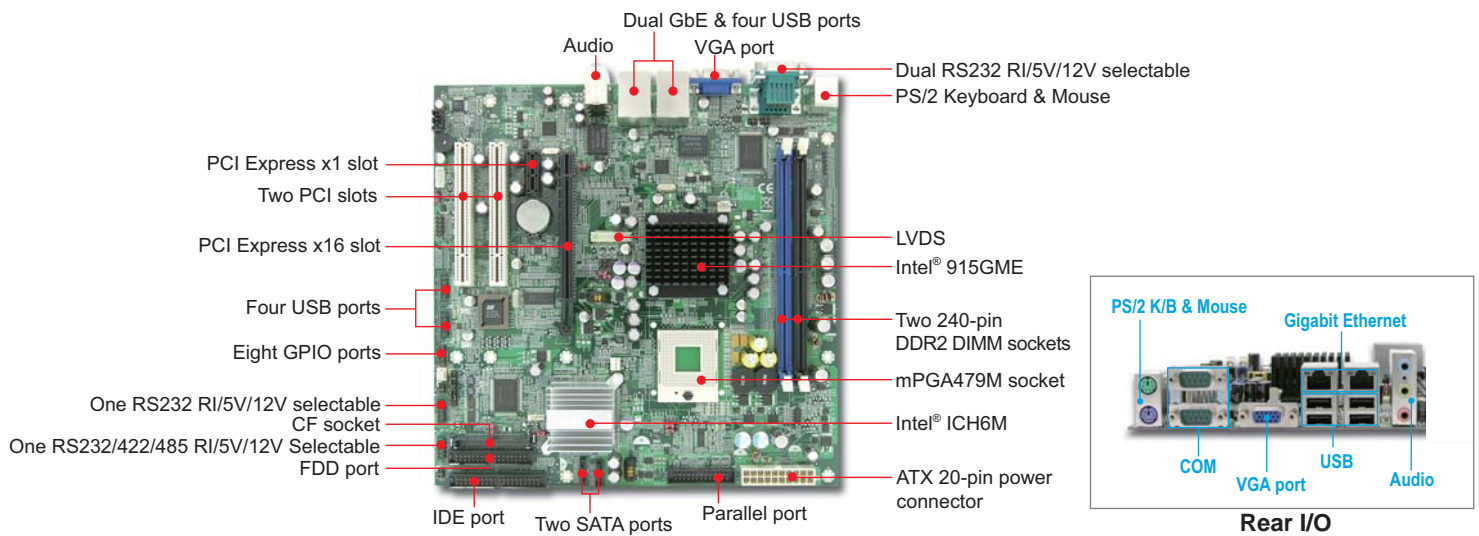


RUBY-7720VG2A

Intel® Pentium® M or Celeron® M processor based Micro-ATX Motherboard with DDR2 SDRAM, VGA, Dual Gigabit Ethernet, Audio and USB



FEATURES

- Industrial mainboard in Micro-ATX form factor with 915GME chipset that supports Intel® Pentium® M and Celeron® M processor up to 2.0GHz
- Maximum 2GB DDR2-533 system memory
- Onboard dual display: VGA and LVDS, 3rd display via PCI-E x16 Graphic card
- One PCI-Express x16 slot for high-end graphics card or ADD2 card
- Dual Gigabit Ethernet ports based on PCI-Express x1 interface
- Two 32-bit PCI expansion slots with riser card supported
- Fanless cooler for Intel® ULV processor

GENERAL

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|---------------------|---|
| Processor | CPU & Package: Intel® mPGA479M socket support uFC-PGA Pentium® M or Celeron® M up to 2.0GHz FSB: 533/400MHz |
| Chipset/Core Logic | Intel® 915GME and ICH6M |
| System Memory | Up to 2GB DDR2-400/533 memory on two 240-pin DIMM sockets with dual channel mode |
| BIOS | Award BIOS |
| Storage Devices | - Two SATA ports - One IDE port |
| Solid State Disk | One Type I/II Compact Flash socket |
| Watchdog Timer | Programmable via software from 1 sec. to 255 min. |
| Expansion Interface | - Two 32-bit PCI expansion slots (supports one riser card) - One PCI-Express x1 slot - One PCI-Express x16 slot |
| Hardware Monitoring | System monitor (fan, temperature, voltage) |
| Power Requirement | TBD |
| Dimension | Dimension : 243.8(L) x 243.8(W) mm; 9.6"(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-7720VG2A Intel® Pentium M or Celeron M processor based Micro-ATX Motherboard with DDR2 SDRAM, VGA, Dual Gigabit Ethernet, Audio and USB |
|-----------------|---|

I/O

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|------------------|--|
| MIO | Four serial ports [Two RS232(RI/5V/12V) Selectable at Rear IO, One RS232 & One RS232/422/485 (RI/5V/12V) Selectable internally] One parallel, one FDD, eight GPIO |
| IrDA | One IrDA |
| Ethernet | - Dual 10BASE-T/100BASE-TX/1000BASE-T Ethernet (Realtek 8111B-GR x2) - PCI Express x1 interface based Gigabit Ethernet - Two RJ-45 connector with two LED indicators at rear I/O panel |
| Audio | HD Audio interface, 2-channel Audio |
| USB | Eight USB 2.0 ports (Four ports at rear I/O panel; four ports internal) |
| Keyboard & Mouse | PS/2 keyboard/mouse at rear I/O panel |

DISPLAY

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|--------------------|--|
| Graphic Controller | - Intel® 915GME integrated GMA 900 - One VGA (rear panel) and one LVDS (onboard) - Dual independent display by VGA and LVDS, 3rd display via PCIE x16 Graphic Card |
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