

Industrial Single Board Computer

Micro ATX Motherboard

MS-C73

Support 2nd Generation Intel® Core™ i7, Core™ i5 and Core™ i3 CPU
with DDRIII SO-DIMM, CRT, DVI, LVDS, Gigabit LAN,
PCI, Mini PCI, PCIE x16/x4 slot, PCIE mini card



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| Form Factor | Micro ATX motherboard |
| CPU | 2 nd Generation Intel® Core™ i7, Core™ i5, Core™ i3 and Celeron® Mobile Processor Package type: rPGA988B |
| Memory | 2 x DDRIII SO-DIMM 1066/1333/1600 MHz up to 16GB |
| Chipset | Intel QM67 |
| Real Time Clock | Chipset integrated RTC with onboard lithium battery |
| Watchdog Timer | Generates a system reset with internal timer for 1min/s ~ 255min/s |
| Power Management | Supports ACPI 3.0 compliant |
| Serial ATA Interface | 4 x serial ATAI interface with 300MB/s transfer rate 2 x serial ATAIII interface with 600MB/s transfer rate |
| Integrated Graphics | Intel® Core™ integrated HD Graphics Technology |
| VGA Interface | Onboard DSUB15 connector for VGA interface |
| LVDS Interface | Onboard 24-bit dual channel LVDS connector with +3.3V/+5V/+12V supply |
| DVI interface | Chrontel CH7318 Transmitter with 26-pin DVI connector |
| Audio Interface | Realtek ALC888 HD Audio |
| LAN Interface | 2 x Intel 82574L Gigabit LAN |
| GPIO Interface | Onboard programmable 8-bit Digital I/O interface |
| Extended Interface | 1 x PCIE x16/x4 slot, 1 x PCIE mini card socket, 2 x PCI slot , 1 x Mini PCI socket |
| Internal I/O Port | 3 x RS232, 1 x SMBUS, 1 x GPIO, 6 x USB2.0 ports, 1 x IrDA, 1 x DVI , 1 x LVDS, 4 x Serial ATAI, 2 x Serial ATAIII, 1 x Parallel port, 1 x Front panel Audio and 1 x CDIN |
| External I/O Port | 1 x PS/2, 2 x LAN ports, 1 x VGA port, 4 x USB2.0 ports, 1 x RS232/422/485, 2 x RS232, 1 x SPDIF and 1 x 2 Channel HD Audio |
| Power Requirement | Standard 24-pin ATX power supply (20-pin is compatible) and P4 4-pin 12V |
| Dimension | 244mm x 244mm |
| Temperature | Operating within 0~60 centigrade Storage within -20~85 centigrade |
| Ordering Code | |
| MS-C73TXD | Intel PGA988B+ QM67 Onboard VGA, LVDS, DVI, LAN, USB2.0, HD Audio, SATAII ,SATAIII, SMBUS, LPC, SIM, GPIO, IrDA, PCI, Mini PCI, PCIE x16/x4 and PCI Express mini card |

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