

# Industrial Single Board Computer

## Micro ATX Motherboard MS-C72

Support Intel® Core™ i7/ i5/ i3/ Pentium® Desktop  
Processor Onboard VGA, DVI, HD Audio, Serial ATA,  
Intel® Gigabit LAN, Mini PCI, PCI, PCIE Minicard  
PCIE X16/X4 Slot



<b>Form Factor</b>	Micro ATX motherboard
<b>CPU</b>	Support Intel® Core™ i7/ i5/ i3/ Pentium® Desktop Processor Package type: FCLGA1156 Bus Speed: 2.5GT/s DMI
<b>Memory</b>	Four DDR3 1066/1333 MT/s DIMM up to 16GB
<b>Chipset</b>	Intel® BD82Q57 PCH
<b>Real Time Clock</b>	Chipset integrated RTC with onboard lithium battery
<b>Watchdog Timer</b>	Generates a system reset with internal timer for 1min/s ~ 255min/s
<b>Power Management</b>	ACPI 1.0 compliant, supports power saving mode
<b>Serial ATA Interface</b>	Intel® Q57 PCH built-in 6 x Serial ATAII interface up to 300MB/s Support RAID 0, 1, 5, 10 and Intel Rapid Storage Technology.
<b>VGA Interface</b>	Intel® Core™ integrated HD Graphics Technology
<b>Video Memory</b>	Up to 1.7GB shared with system memory
<b>Audio Interface</b>	Intel® integrated Q57 with Realtek ALC888 HD Audio.
<b>LAN Interface</b>	2 x Intel® 82574L Gigabit LAN.
<b>GPIO interface</b>	Onboard programmable 8-bit Digital I/O interface.
<b>Extended Interface</b>	One PCIE X16/X4 slot, One PCIE Mini card, One Mini PCI socket, Two PCI slots.
<b>Internal I/O Port</b>	1 x GPIO port, 1 x CDIN connector, 1 x Audio connector, 1 x IrDA connector, 1 x SMBUS connector, 6 x USB ports, 3 x Serial Port, 1 x FDD and 1 x Parallel port, 1x DVI
<b>External I/O Port</b>	1 x PS/2 Keyboard/Mouse Port, 2 x RJ45 LAN ports, 1 x DB15 VGA port, 1 x RS232/422/485, 4 x USB2.0 ports and 2 x Serial Port.
<b>External Audio</b>	Line-in, MIC-in, Front, Rear, Center / Subwoofer and SPDIF outputs.
<b>Power Requirement</b>	Standard 24-pin ATX power supply (20-pin is compatible) and P4 4-pin 12V
<b>Dimension</b>	244mm x 244mm
<b>Temperature</b>	Operating within 0~60 centigrade Storage within -20~85 centigrade

### Ordering Code

#### MS-C72

Onboard VGA, DVI, 2 x Gigabit LAN, 10 x USB2.0, 6 x serial Port, 6 x SATA, 1 x FDD, 1x Parallel port, 1 x IrDA, Realtek HD 5.1CH Audio, Mini-PCI, 2 x PCI, PCIE Mini card, PCIE x16/ x4.

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