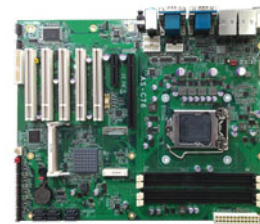


# Industrial Single Board Computer

## ATX Industrial Motherboard AS-C76



Support 3rd Generation Intel® Core™ i7/ i5/ i3 ® Desktop Processor Onboard VGA, DVI, HD Audio, Serial ATA, Intel® Gigabit LAN, TPM PCIE X16, PCIE Minicard, Mini PCI, PCI.

<b>Form Factor</b>	ATX Industrial motherboard
<b>CPU</b>	Support 3rd Generation Intel® Core™ i7/ i5/ i3 ® Desktop Processor Package type: FCLGA1155
<b>Memory</b>	Four DDR3 1066/1333 DIMM up to 32 GB
<b>Chipset</b>	Intel® BD82Q77 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 3.0 compliant, supports power saving mode
<b>TPM</b>	Infineon SLB9635 for TPM1.2
<b>Serial ATA Interface</b>	Intel® Q77 PCH built-in 4 x Serial ATAII interface up to 300MB/s & 2 x Serial ATAIII interface up to 600MB/s Support RAID 0, 1, 5, 10 and Intel Rapid Storage Technology.
<b>VGA Interface</b>	Intel® Clear Video integrated HD Graphics Technology
<b>DVI Interface</b>	Onboard DVI for 20 pin connector.
<b>Audio Interface</b>	Realtek ALC888 HD Audio.
<b>LAN Interface</b>	One Intel® 82574L Gigabit LAN & one Intel 82579LM Gigabit LAN.
<b>GPIO interface</b>	Onboard programmable 8-bit Digital I/O interface.
<b>Extended Interface</b>	One PCIE X 16 slot, One PCIE X 4, One PCIE Mini card and Mini PCI socket, Five PCI slots. support mSATA(SATAII) for Mini_Card, but SATA6 will be disable (AS-C76S)
<b>Internal I/O Port</b>	1 x RS232/422/485, 1 x GPIO port, 1 x CDIN connector, 1 x Audio connector, 1 x IrDA connector, 1 x SMBUS connector, 2 x Com Port and 8 x USB ports, 1 x Parallel port.
<b>External I/O Port</b>	1 x PS/2 Port, 2 x LAN ports, 1 x VGA port, 4 x USB3.0 ports, 3 x Com Ports.
<b>External Audio</b>	Realtek ALC888 and SPDIF outputs.
<b>Power Requirement</b>	Standard 24-pin ATX power supply (20-pin is compatible) Standard 8-pin 12V power Input connector (4-pin is compatible)
<b>Dimension</b>	307mm x 244mm (L x W)
<b>Temperature</b>	Operating within 0~60 centigrade Storage within -20~85 centigrade

### Ordering Code

<b>AS-C76</b>	Onboard VGA, DVI, 2 x Gigabit LAN, 8 x USB2.0, 4 x USB3.0, 6 x serial Port, 6 x SATA, 1 x IrDA, Realtek HD Audio, Mini-PCI, PCI, PCIE Minicard, PCIE x16.
<b>AS-C76S</b>	Onboard VGA, DVI, 2 x Gigabit LAN, 8 x USB2.0, 4 x USB3.0, 6 x serial Port, 6 x SATA, 1 x IrDA, Realtek HD Audio, Mini-PCI, PCIE x16, <b>mSATA</b> .

