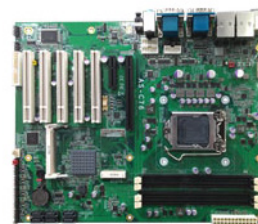


Industrial Single Board Computer

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.

Form Factor	ATX Industrial motherboard
CPU	Support 3rd Generation Intel® Core™ i7/ i5/ i3 ® Desktop Processor Package type: FCLGA1155
Memory	Four DDR3 1066/1333 DIMM up to 32 GB
Chipset	Intel® BD82Q77 PCH
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	ACPI 3.0 compliant, supports power saving mode
TPM	Infineon SLB9635 for TPM1.2
Serial ATA Interface	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.
VGA Interface	Intel® Clear Video integrated HD Graphics Technology
DVI Interface	Onboard DVI for 20 pin connector.
Audio Interface	Realtek ALC888 HD Audio.
LAN Interface	One Intel® 82574L Gigabit LAN & one Intel 82579LM Gigabit LAN.
GPIO interface	Onboard programmable 8-bit Digital I/O interface.
Extended Interface	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)
Internal I/O Port	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.
External I/O Port	1 x PS/2 Port, 2 x LAN ports, 1 x VGA port, 4 x USB3.0 ports, 3 x Com Ports.
External Audio	Realtek ALC888 and SPDIF outputs.
Power Requirement	Standard 24-pin ATX power supply (20-pin is compatible) Standard 8-pin 12V power Input connector (4-pin is compatible)
Dimension	307mm x 244mm (L x W)
Temperature	Operating within 0~60 centigrade Storage within -20~85 centigrade

Ordering Code

AS-C76	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.
AS-C76S	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, mSATA .

For further product information please visit the website at <http://www.commell.com.tw>

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