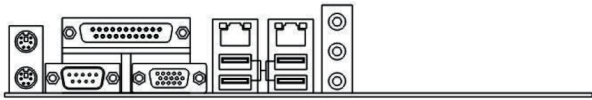
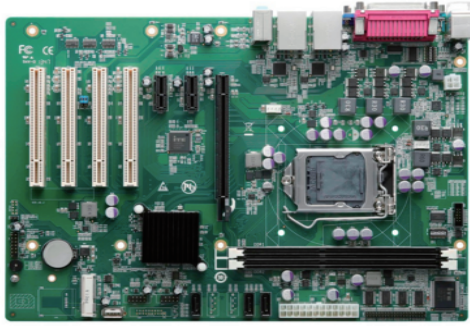


# AT20004

Provide 1 LGA 1155 CPU Socket, Support 2nd / 3rd Generation Intel Core (i3 / i5 / i7), Intel Pentium and Celeron CPU



## FEATURES

- Provide 1 LGA 1155 CPU Socket, Support 2nd / 3rd Generation Intel Core (i3 / i5 / i7), Intel Pentium and Celeron CPU
- SATA x 3, mSATA x 1
- RS-232 x 6 (COM1, COM2 Optional RS-485)
- USB 2.0 x 9
- 2x240-pin DDR3 1600/1333 MHz SDRAM, Max. 16GB
- 10/100/1000Base-TX, RJ-45 x 2

## Specifications

SYSTEM	
Processor	Provide 1 LGA 1155 CPU Socket, Support 2nd / 3rd Generation Intel Core (i3 / i5 / i7), Intel Pentium and Celeron CPU
Chipset	Intel 82GM45+ICH9-M
System Memory	2x240-pin DDR3 1600/1333 MHz SDRAM, Max. 16GB
BIOS	64Mb AMI SPI
WatchDog Timer	65536 Level, 0~65535 Sec
Power Consumption (Typical)	-
Power Requirement	ATX
MTBF (Hours)	-
Certification	CE/FCC
DISPLAY	
Chipset	Intel BD82H61
Video Output	VGA
Memory	-
MULTI I/O	
Ethernet	10/100/1000Base-TX, RJ-45 x 2
Audio	Line-in/Line-out/Mic-in
USB Port	USB 2.0 x 9
Serial Port	RS-232 x 6 (COM1, COM2 Optional RS-485)
Storage Interface	SATA x 3, mSATA x 1
VGA	x1
DVI	-
HDMI	-
Expansion Slot	1. 32 bit PCI Slot x 4 2. PCIe16 x 1 3. PCIe1 x 2
DIO	-
Power	Power Input x 1
Others	PS/2 (Keyboard & Mouse) x 1 LPT x 1

MECHANICAL AND ENVIRONMENTAL	
Dimensions	305mm x 220mm (12" x 8.66")
Operating Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Storage Temperature	-40°C ~ 80°C (-40°F ~ 176°F)
Relative Humidity	5% ~ 95% Relative Humidity, Non-condensing

## DIMENSION (Unit: mm)

