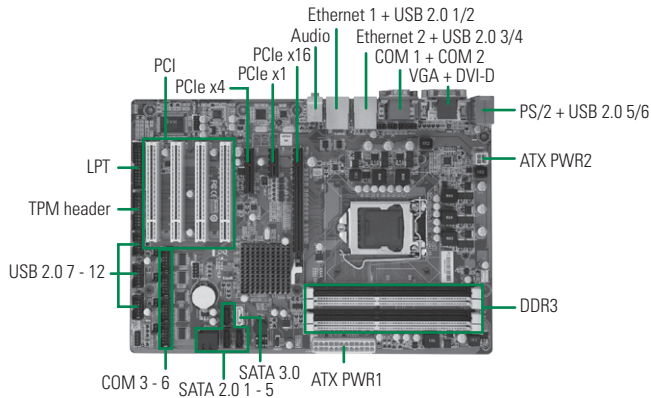


# IMB204

ATX Industrial Motherboard with LGA1155 Socket Intel® Core™ i7/i5/i3 & Celeron® Intel® B75, SATA3.0, Dual LANs, DVI-D/ VGA and LPT



## System

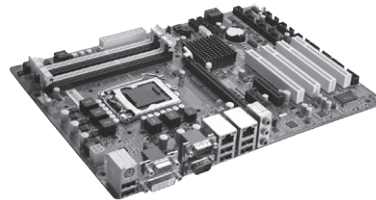
CPU	LGA1155 socket Intel® Core™ i7/i5/i3 & Celeron® processor
System Memory	4 x 240-pin DIMM support non-ECC DDR3-1333/1600 max. up to 32 GB
Chipset	Intel® B75
BIOS	AMI
SSD	N/A
Watchdog Timer	255 levels
Expansion Interface	1 x PCIe x16 Gen. 3 1 x PCIe x4 Gen. 2 1 x PCIe x1 Gen. 2 4 x PCI
Battery	Lithium 3 V/ 220 mAh
Power Requirements	i5-2320 3.0GHz 2 GB x 4 DDR3-1333, +12V @ 7.06A, +5V @ 10.21A, +5VSB @ 0.02A, +3.3V @ 1.25A
Size	305 x 244 mm
Board Thickness	1.6 mm
Temperature	0°C ~ +60°C (32°F ~ 140°F), operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

## I/O

MIO	1 x PS/2 keyboard & mouse 5 x RS-232 (COM 2/3/4/5/6) 1 x RS-232/422/485 (COM 1) 1 x LPT 1 x TPM header
SATA	1 x SATA-600 & 5 x SATA-300
Hardware Monitoring	Detect CPU/system temperature, voltage and support Smart fan control
Ethernet	1st port as 10/100/1000 Mbps supports Wake-on-LAN, PXE Boot ROM, iAMT with Intel® 82574LM 2nd port as 10/100/1000 Mbps supports Wake-on-LAN, PXE Boot ROM with Intel® 82579V
Audio	HD Codec audio as MIC-in/Line-in/Line-out with Realtek ALC892
USB	12 x USB 2.0
TPM	Support TPM1.0 header
SMBus	System Management Bus for advanced monitoring/control
Digital I/O	8 channels (4-IN & 4-OUT)

## Features

- LGA1155 socket 3rd Generation Intel® Core™ i7/i5/i3 & Celeron® processor
- 4 DDR3-1333/1600 DIMM support up to 32 GB
- VGA and DVI-D with dual view supported
- PCIe Gen. 3 supported
- 1 SATA-600 and 5 SATA-300
- 12 USB 2.0 ports
- TPM 1.0 header support



▲ Side view

## Display

Chipset	Intel® HD 4000/2500 Graphics
Memory Size	Max. 1.7 GB
Display Interface	1 x VGA 1 x DVI-D

## Packing List

### Standard

User's manual/utility CD cable, I/O bracket

## Ordering Information

### Standard

IMB204	ATX industrial motherboard with LGA1155 socket Intel® Core™ i7/i5/i3 & Celeron® dual GbE LANs, DVI-D/VGA, 6 COM and LPT
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### Optional

59460642100E	COM port cable, 5 x 2P, P=2.54 mm, L=300 mm
593F2040300E	LPT cable, w/ bracket, P=2.54 mm, L=300 mm
594F2112100E	COM port DB9 to 5x2P, P=2.54 mm, L=300 mm w/BK
594F2112110E	COM port x2 DB9 to 5x2P, P=2.54 mm, L=300 mm w/BK