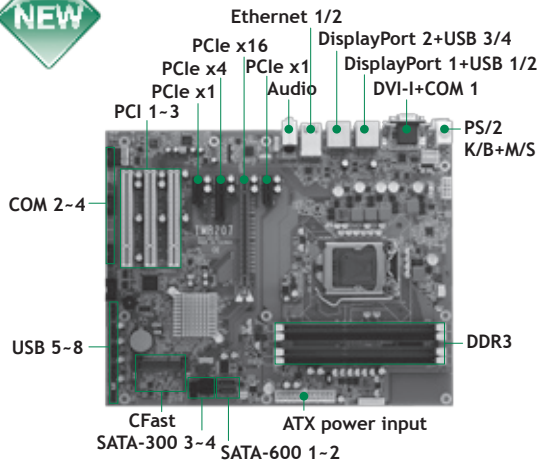


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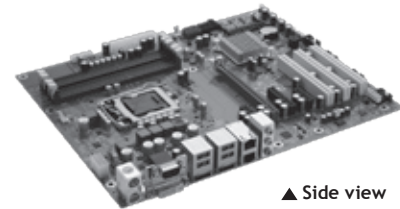
LGA1155 Socket Intel® Core® i7/ i5/ i3/ Celeron® ATX Industrial Motherboard with Intel® C216 PCH, USB 3.0, DisplayPort/DVI-I (VGA), Dual LAN and CFAST™



Ivy Bridge
LGA1155
Intel® C216
DP/DVI-I (VGA)
4 USB 3.0
CFAST™
PCIe Gen. 3
iAMT & TPM

Features

- LGA1155 socket 3rd Generation Intel® Core™ i7/ i5/ i3/ Celeron® processors (Ivy Bridge)
- 4 DDR3-1333/1600 MHz up to 32 GB
- Triple view display
- PCIe Gen. 3 supported
- 2 SATA-600 with RAID 0, 1, 5 and 10
- 4 USB 3.0 supported
- CFAST™ supported
- TPM 1.2 supported
- iAMT 8.0 supported



▲ Side view

System

CPU	LGA1155 socket 3 rd Generation Intel® Core™ i7/ i5/ i3/ Celeron® processors (Ivy Bridge)
System Memory	4 x 240-pin DIMM support ECC DDR3-1333/1600 max. up to 32 GB
Chipset	Intel® C216 PCH
BIOS	AMI
SSD	1 x CFAST™
Watchdog Timer	255 levels, 1-255 sec.
Expansion Interface	1 x PCIe x16 Gen. 3 (slot 2) 1 x PCIe x4 Gen. 2 2 x PCIe x1 Gen. 2 3 x PCI
Battery	Lithium 3 V/220 mAh
Power Requirements	TBD
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 1 x PS/2 mouse 3 x RS-232 (COM 2/3/4) 1 x RS-232/422/485 (COM 1)
SATA	2 x SATA-600 & 3 x SATA-300 with RAID 0/1/5/10
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® 82579LM 2nd port as 10/100/1000 Mbps supports Wake-on-LAN, PXE Boot ROM with Intel® 82583V
Audio	HD Codec audio as MIC-in/Line-in/Line-out with Realtek ALC662 speaker-out with 1W/8ohm x 2
USB	4 x USB 3.0 & 8 x USB 2.0
TPM	Infineon SLB9635 for trusted platform
SMBus	System Management Bus for advanced monitoring/control
Digital I/O	8 channels (4-IN & 4-OUT)

Display

Display Chipset	Intel® HD 2000/3000 Graphics
Memory Size	Max. 1.7GB
Display Interface	2 x DisplayPort 1 x DVI-I

Packing List

Standard

Quick installation guide, user's manual/utility CD, cable

Ordering Information

Standard

IMB208	LGA1155 socket ATX Industrial Motherboard with Intel® Core™ i7/ i5/ i3/ Celeron®, USB3.0, 2 10/100/1000Mbps, DisplayPort/DVI-I (VGA) and CFAST™
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SBC Services and Solutions

System on Modules

Embedded SBCs > EPIC

Embedded SBCs > 3.5" Capa

Embedded SBCs > Nano-ITX

Embedded SBCs > Pico-ITX

Embedded SBCs > PC/104

Industrial Motherboards

Slot CPU Cards

Accessories

Appendix