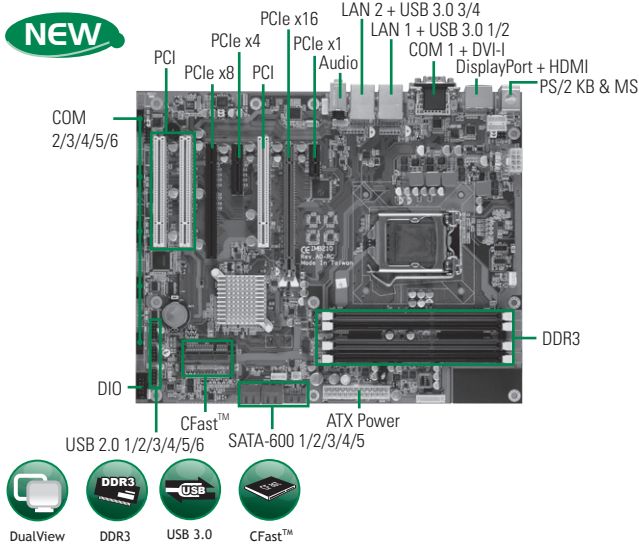


IMB210

LGA1150 Socket Intel® Xeon® E3/ Core™ i3/ Pentium®/ Celeron® ATX Industrial Motherboard with Intel® C226 PCH, ECC DDR3, USB 3.0, SATA 3.0, Dual LAN, DP/ DVI-I/HDMI and CFast™



System

CPU	LGA1150 socket 4th Generation Intel® Xeon® E3/ Core™ i3/ Pentium®/ Celeron® processors
System Memory	4 x 240-pin DIMM support IMB210 supports ECC DDR3-1333/1600 max. up to 32 GB
Chipset	Intel® C226 PCH
BIOS	AMI UEFI BIOS with OA 3.0 built
SSD	1 x CFast™
Watchdog Timer	255 levels
Expansion Interface	2 x PCIe x16 Gen. 3 slots (1 PCIe x16 or 2 PCIe x8 when use dual PCIe x8 concurrently) 1 x PCIe x4 Gen. 2 1 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, operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

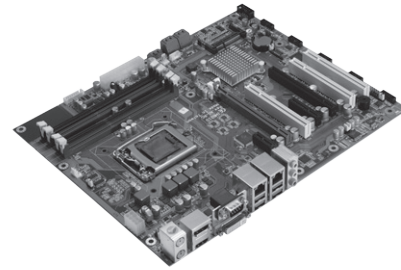
I/O

MIO	1 x PS/2 keyboard 1 x PS/2 mouse 5 x RS-232 (Internal box header) 1 x RS-232/422/485 (Rear IO)
SATA	5 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 i217LM 2nd port as 10/100/1000 Mbps supports Wake-on-LAN, PXE Boot ROM with Intel i210AT
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 port & 6 x USB 2.0 port
TPM	Infineon SLB9635 for trusted platform
SMBus	System Management Bus for advanced monitoring/control
Digital I/O	8 channels (4-IN & 4-OUT)

* All specifications and photos are subject to change without notice.
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Features

- LGA1150 socket 4th Generation Intel® Xeon® E3/ Core™ i3/ Pentium®/ Celeron® processors
- Intel® C226 PCH
- 4 DDR3-1333/1600 MHz max. up to 32 GB memory capacity
- Triple view display
- PCIe x16 Gen. 3 supported
- 5 SATA-600 with RAID 0, 1, 5 and 10
- 4 USB 3.0 supported
- TPM 1.2 supported
- iAMT9.0 supported



▲ Side view

Display

Display Chipset	Intel® HD Integrated Graphics
Memory Size	TBD
Display Interface	1 x DisplayPort 1 x HDMI 1 x DVI-I

Packing List

User's manual/utility CD, cable

Ordering Information

Standard	
IMB210	LGA1150 socket ATX industrial motherboard with Intel® Xeon® E3/ Core™ i3/ Pentium®/ Celeron®, ECC DDR3, USB3.0, SATA3.0, Dual LAN, DP/DVI-I/HDMI and CFast™

SBC
Services
and Solutions

Systems
on
Modules

Embedded
SBCs
>EPIC

Embedded
SBCs
>3.5" Capa

Embedded
SBCs
>Nano-ITX

Embedded
SBCs
>Pico-ITX

Embedded
SBCs
>PC/104

Industrial
Mother-
boards

Slot
CPU
Cards

Accessories

Appendix