

IMBM-957

Industrial Motherboard With Intel® Core™ i7/i5/i3 Processor

Launched in Q3

Specifications

System	
Form Factor	Micro-ATX Industrial Motherboard
Processor	Intel® Embedded Processor list (Longevity CPU list), TDP 95W Max. Core™ i7-860, Core™ i5-750, Core™ i5-660, Core™ i3-540, Pentium® G6950
System Memory	Dual-Channel DDR3 1066/1333 Memory up to 16 GB
Chipset	Intel® Q57
Ethernet	Intel® 10/100/1000Base-TX x 2, RJ-45 x 2 LAN1: Intel® 82578DM (Support iAMT 6.0) LAN2: Intel® 82574L/82583V
Audio	HD Audio codec with Realtek ALC888
BIOS	AMI BIOS-64Mb SPI flash ROM
H/W Status Monitoring	CPU Fan speed, Temperature, PSU voltage
Expansion Interface	PCI-Express[x16] x 1 PCI-Express[x4] x 1 PCI x 2
Watchdog Timer	1 ~ 255 steps, can be set with software on Super I/O
RTC	Internal RTC
Battery	Lithium Battery
Power Requirement	ATX Standard 24-pin connector x 1
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
Storage Humidity	10%~80%, non-condensing
Board Size (L x W)	9.6" x 9.6" (244 mm x 244 mm)
Gross Weight	—
MTBF (Hours)	—
Display	
VGA Controller	Intel® integrated Graphics Processor Unit
Memory	256MB
Resolution	2048x 1536 for CRT 1920x 1200 for DVI
Output Interface	VGA x 1, DVI-D x 1
I/O	
Storage	Onboard SATA 3.0Gb/s x 6, Support RAID 0/1/5/10 Floppy Disk Drive x 1
Serial Port	COM x 4 (Pin-header x 2, DB-9 x 2) COM 1/2 : RS-232 with +5V/+12V power COM 3/4 : RS-232/422/485
Parallel	Supports SPP/EPP/ECP modes
Universal Serial Bus	USB2.0 x 10 (box header x 6, Type-A port x 4)
PS/2 Port	Keyboard and Mouse x 1
Digital I/O	8-bit (4-in /4-out) programmable
Audio	Audio Jack x 3 With BTX Type (Mic-in, Line-in, Line-out)
IrDA	IrDA Tx/Rx header x 1

Features

- Intel® Core™ i7/i5/i3, Pentium® LGA1156 Processor With Graphic & Memory Controller
- Intel® Q57
- Dual-Channel DDR3 1066/1333 Memory (Up To 16 GB)
- Intel® 10/100/1000Base-TX Ethernet x 2 (LAN1 Supports Intel® AMT 6.0)
- Intel® Integrated GPU Support Dual Display By VGA, DVI
- HDAC With Realtek ALC888
- SATA 3.0Gb/s x 6, Support RAID 0/1/5/10, Floppy Disk Drive x 1
- USB2.0 x 10, COM x 4, LPT x 1, IrDA x 1
- PCI-E [x16] x 1, PCI-E [x4] x 1, PCI x 2



Packing List

- TBD

Ordering Information

- TBD