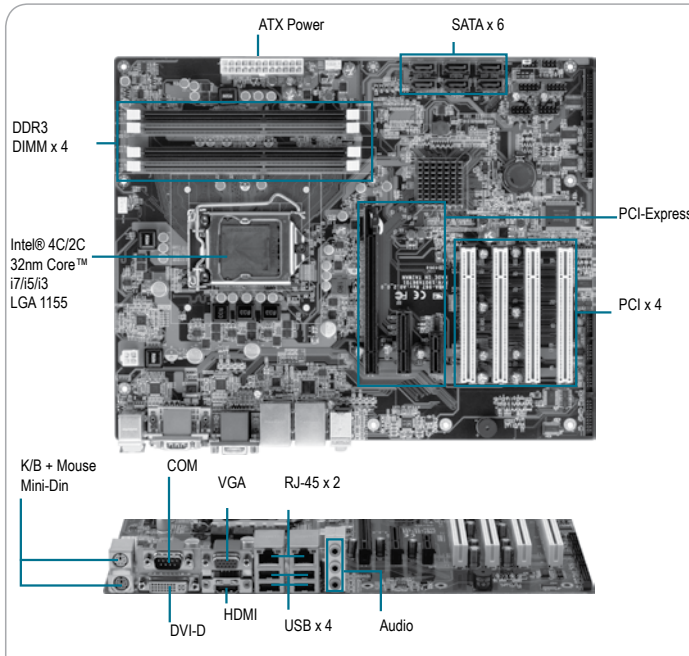


IMBA-967

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

07

Industrial Motherboards



Features

- Intel® 4C/ 2C 32nm Core™ i7/i5/i3 LGA 1155 Processor With Graphic & Memory Controller
- Intel® Q67
- Dual-Channel DDR3 1066/1333 Memory (Up To 32 GB)
- Intel® 10/100/1000Base-TX Ethernet x 2 (LAN1 Supports Intel® iAMT 7.0)
- Intel® Integrated GPU Support Dual Display By VGA, DVI, HDMI
- HDAC With Realtek ALC888
- SATA 6.0Gb/s and 3.0Gb/s x 6, Support RAID 0/1/5/10
- USB2.0 x 12, COM x 6, LPT x 1, IrDA x 1
- PCI-E [x16] x 1, PCI-E [x4] x 1, PCI-E [x1] x 1, PCI x 4



Specifications

System	
Form Factor	ATX Industrial Motherboard
Processor	Intel® 4C/ 2C Core™ i7/i5/i3 32nm Hi-K Processor CPU by LGA1155 (H2 socket), TDP 95W Max.
System Memory	Dual-Channel DDR3 1066/1333 Memory, up to 32 GB
Chipset	Intel® Q67
Ethernet	Intel® 10/100/1000Base-TX x 2, RJ-45 x 2 LAN1: Intel® 82579LM PHY (Supports Intel® iAMT 7.0) 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-E 2.0) PCI-Express [x4] x 1 (PCI-E 2.0) PCI-Express [x1] x 1 (PCI-E 2.0) PCI x 4 (PCI 2.3)
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)	12" x 9.6" (305 mm x 244 mm)
Gross Weight	1.76 lb (0.8 kg)
MTBF (Hours)	52,000
Display	
VGA Controller	Intel® integrated Graphics Processor Unit
Memory	256MB
Resolution	2048x1536 for CRT 1920x1080 for DVI
LCD Interface	VGA x 1, DVI-D x 1, HDMI x 1

I/O	Winbond W83627UHG
Storage	Onboard SATA x 6, support RAID 0/1/5/10 - SATA 6.0Gb/s port x 2, 6.0 Gb/s data transfer rate - SATA 3.0Gb/s port x 4, 3.0 Gb/s data transfer rate
Serial Port	COM x 6 (Pin-header x 2, DB-9 x 2) COM 1/2 : RS-232 COM 3 : RS-232/422/485 COM 4~6: RS-232 (Optional RS-422/485)
Parallel	Supports SPP/EPP/ECP modes
Universal Serial Bus	USB2.0 x 12 (box header x 10, Type-A port x 2)
PS/2 Port	Keyboard and Mouse x 1
Digital I/O	8-bit (4-in /4-out) programmable
Display	VGA x 1, DVI-D x 1, HDMI x 1
Audio	Audio Jack x 3 With BTX Type (Mic-in, Line-in, Line-out)
IrDA	IrDA Tx/Rx header x 1

Packing List

- 1709100204
USB Cable
- 1701100305
COM Port Cable
- 1709070800
SATA Cable
- M20QM57000
I/O Shield

Ordering Information

- **TF-IMBA-967-A10-G2**
ATX, LGA1155 Intel® Core™ i7/i5/i3 CPU, VGA, DVI, HDMI, 2 GbE, 6 SATA, 6 COM, 12 USB2.0, Rev. A1.0
- **TF-IMBA-967-A10-VG**
ATX, LGA1155 Intel® Core™ i7/i5/i3 CPU, VGA, DVI, HDMI, 1 GbE, 6 SATA, 2 COM, 12 USB2.0, Rev. A1.0

