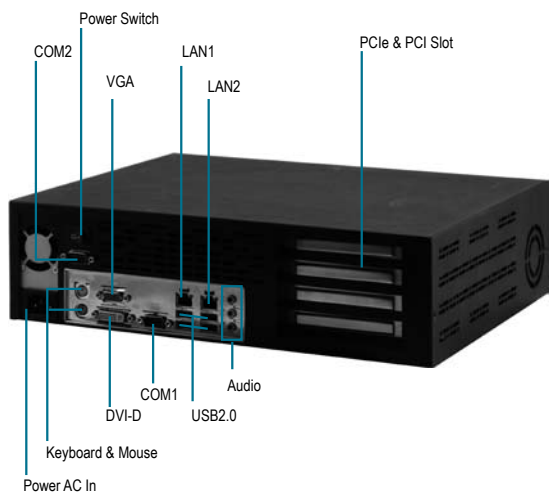


■ Advance Mini-ITX System Controller With Intel® Core™ 2 Duo/ Quad Processor



Features

- Supports Intel® Core™ 2 Duo/ Quad LGA775 Processor
- Dual-Channel DDR III 800/1066 Memory Up To 4 GB
- Intel® Integrated Graphics Engine 4500 Supports Dual View With VGA & DVI
- Intel® PCI-Express Gigabit Ethernet x 2
- 3.5" Hard Disk Drive Bay x 1 & Slim Type DVD-RW x 1 (Optional)
- USB2.0 x 6 & COM x 2
- Multiple Extended Bus Up To Four Slots



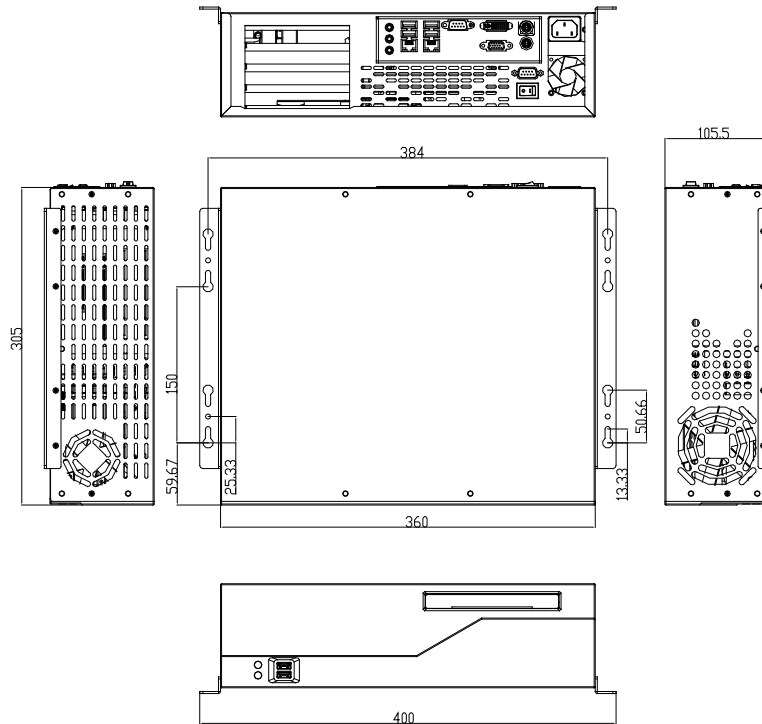
Specifications

System	
Form Factor	Compact size for Desktop/Wallmount
Main Board	IMBI-Q45
CPU	Intel® Core™ 2 Duo/Quad LGA775 CPUs, FSB 800/1066/1333 MHz, TDP 95W max. Intel® ECG item: Q9400, E8400, E7400, E6400, E5300, E4300, E2160, Celeron® 440
System Memory	Supports Dual-Channel with two 240-pin DDRIII 800/1066 SDRAM, total up to 4 GB
Chipset	Intel® Q45 + ICH10DO
Ethernet	Intel® PCI-Express 10/100/1000Base-TX, RJ-45 x 2 LAN1: Intel® 82567LM LAN2: Intel® 82574L
Audio	HD Audio Codec with Realtek ALC888
BIOS	Award BIOS SPI ROM-16 Mb
I/O Chip	ITE IT8718F I/O controller
HDD	3.5" Hard Disk Drive Bay x 1 with SATA II interface
Optical ROM	Slim Type DVD-RW x 1 (optional)
SSD	CompactFlash™ Type II Socket x 1 (optional)
LED	Two indicators for Power and HDD
Expansion	PCI-Express [x16] x 1, PCI x 1
Watchdog Timer	Reset: 1 sec. ~ 255 min. and 1 sec. or 1 min./ step
H/W Status Monitor	Monitoring system temperature, voltage, and cooling fan status
Power Supply	Flex ATX 275W input 90 ~ 264V AC
Weight	13.42 lb (6.1 kg) (full system)
Dimension (W x H x D)	14.17" x 3.93" x 11.81" (360mm x 100mm x 300mm)
External I/O	
Serial Port	RS-232 x 2
KB & Mouse	Keyboard x 1 & Mouse x 1
Universal Serial Bus	USB2.0 x 6 (4 at I/O, 2 at Front Panel)
Audio	Audio Jack x 3 (Mic in, Line in, Line out)
Ethernet	RJ-45 x 2
Display	VGA x 1, DVI-D x 1
Environment	
Operating Temperature	32°F ~ 104°F (0°C ~ 40°C)
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)
Operating Humidity	10 ~ 80%
Storage Humidity	10 ~ 80%, noncondensing
Vibration	0.5 G, 5~500 Hz, operation
Shock	15 G with 11 m/sec, operation

AIS-Q454

Dimension

Unit: mm



Packing List

- **S221005030**
4 HDD Screws
- **S225006010**
8 Wallmount Bracket Screws
- **M04Q452020**
2 Wallmount Brackets
- **1990666615**
4 Rubber Feet
- **Utility CD-ROM**
- **AIS-Q454**

Ordering Information

- **TF-AIS-Q454-A10**
Advanced Mini-ITX System, Intel® LGA775 CPU, VGA, DVI, 2 GbE LAN, 6 USB, 2 COM, Audio, 4 Slot, Rev. A1.0

Optional Accessories

- **9761Q45000**
(TF) SATA to CompactFlash™ Bridge Board, LYCOM, ST-123CF
- **1702031802**
(TF) Power Cord, 3P-125V/10A 180D, 1.8M, USA
- **1702031803**
(TF) Power Cord, 3P-250V/10A 180D, 1.8M, Europe
- **170203180E**
(TF) Power Cord, 3P, 125V/7A 180D, 1.8M, Japan