

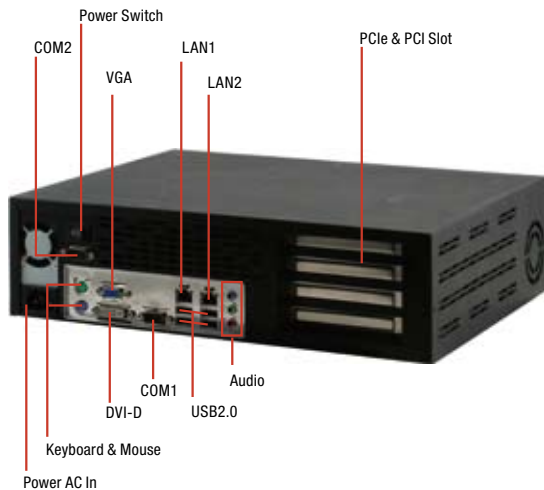
# AIS-Q454

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

Front View



Rear View



## Features

- Intel® Core™ 2 Duo/ Quad LGA775 Processor
- Dual-Channel DDR3 800/1066 Memory (Up To 4 GB)
- Intel® Integrated Graphics Engine 4500 Supports Dual View With VGA & DVI
- Gigabit Ethernet x 2
- 3.5" x 1 Internal Drive Bay, Slim Optical Drive Bay x 1
- USB2.0 x 6, COM x 2
- Four-Slot Expansions



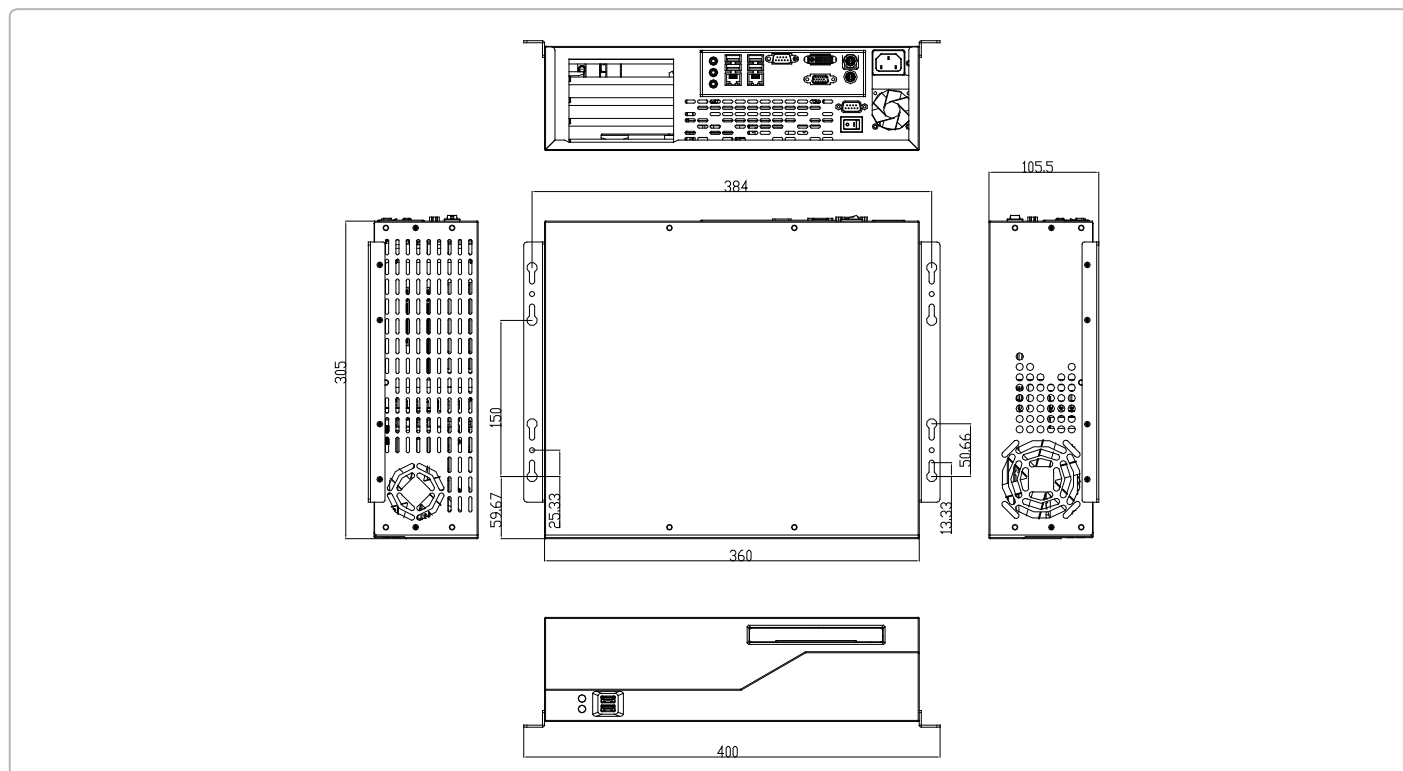
## Specifications

CPU	Intel® Core™ 2 Duo/Quad LGA 775, max. TDP 95W	
Chipset	Intel® Q45 + Intel® ICH10DO	
System Memory	Up to 4 GB (DDR3 800/1066 MHz, DIMM x 2)	
Display Interface	VGA	1
	DVI	1
	Others	—
Storage Device	SSD	—
	HDD	3.5" HDD x 2
Network	LAN	10/100/1000Base-TX x 2
	Wireless	—
Front I/O	USB Host	USB2.0 x 2
	LAN	—
	Serial port	—
	DIO	—
	Audio	—
	KB/MS	—
	Others	—
Rear I/O	USB Host	USB2.0 x 4
	LAN	RJ-45 x 2
	Serial port	COM x 2
	DIO	—
	Audio	Audio Jack x 3
	KB/MS	1
Expansion	Others	—
	PCIe	PCI-Express[x16] x 1, PCI-Express[x4] x 1
	PCI	2
	Mini card	—
	Mini PCI	—
Indicator	Front	HDD x 1, PWR x 1
	Rear	—
Power Requirement	AC-In 275W	
Power Consumption	Intel® Q9400, TDP 95W	
System Cooling	Active Cooling	
Mounting	Desktop	
Operating Temperature	32°F ~ 104°F (0°C ~ 40°C)	
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)	
Anti-Vibration	0.5 g rms/ 5~500 Hz/ Operation	
Anti-Shock	15 G with 11 m/sec, Operation	
MTBF (Hours)	55,000	
Certification	EMC	CE/FCC
	Safety	—
Dimension (W x H x D)	14.17" x 3.9" x 11.8" (360mm x 100mm x 300mm)	
Gross Weight	14.3 lb (6.5 kg)	
Note	—	

# AIS-Q454

## Dimension

Unit: mm



## Ordering Information

Part Number	CPU	RAM	Cooler	Storage	Display	LAN	USB	RS-232	RS-232/422/485	KB/MS	Audio	DIO	Expansion Slot	Mounting	Power
AIS-Q454-A10	Intel® Q45	DIMM	Fan	3.5" HDD Bay x 2	VGA + DVI	GbE x 2	USB 2.0 x 6	2	0	Yes	Mic-in, Line-in, Line-out	—	PCIe[x16] x 1, PCIe[x4] x 1, PCI x 2	Desktop	ATX

## Packing List

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

## Optional Accessories

- **Slim CD-ROM/ Combo/ DVD-RW**
- **1709130150**  
(TF) Slim CD-ROM SATA CABLE, W/ Lock(F), 4P POWER, 15cm
- **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