

# SYS-1U1010-4A01

# SYS-1U1010-5S01

1U Intel® Core™2 Quad ATX/  
LGA771 Xeon LV System

**NEW**



## Features

- **Space-saving 1U rackmount chassis, ideal building block for business expansion**
- **MB: Intel® Q35 platform of**
  - Supports Intel® Core™2 Quad processor up to 2.66 GHz
  - Supports dual channel DDR2 SDRAM up to 8 GB
- **BP: compliant with PICMG 1.3**
  - Supports Intel® LGA771 Xeon LV Quad processor
  - Supports dual channel DDR2 registered ECC DIMMs up to 32 GB
- **Expandability**
  - Supports a slim ODD, and two 3.5" disk drives
  - Supports up to 2 expansion slots in BP version, and 1 expansion slot via riser card in MB version



## Specifications

Form Factor		SYS-1U1010-4A01	SYS-1U1010-5S01
Computing System	Chipset	Intel Q35 + ICH9 DO	Intel E5100 + ICH9R
	CPU	Supports Intel Core 2 Quad processor up to 2.66 GHz	Supports LGA771 Xeon LV Quad processor
	Front Side Bus	800 / 1066 / 1333 MHz	1333/1066 MHz
	L2 Cache	up to 6 MB	up to 12 MB
	Memory	Dual channel DDR2 667/800 MHz SDRAM up to 8 GB	Dual-channel DDR2 533/667 MHz Registered ECC DIMMs up to 32 GB
Graphics	Controller	Intel GMA 3100 sharing 384 MB system memory	XGI Volari Z11
Expansion Slot	PCI	1	PCIe x16 + PCI
Storage	Optical Drive (support)	Slim DVD-ROM / CD-RW / CD-ROM	Slim DVD-ROM / CD-RW / CD-ROM
	HDD (support)	SATA	SATA
Drive Bay	Slim ODD Bay	1	1
	3.5" (front-accessible)	1 SATA HDD	1 SATA HDD
	3.5" (internal)	1 SATA HDD	-
	2.5"(Internal)	-	1
Ethernet	Interface	10/100/1000 Mbps Gigabit Ethernet	10/100/1000 Mbps Gigabit Ethernet
	Controller	Intel 82566DM, Intel 82573L	Intel 82566DM, Intel 82573V
Front I/O Ports	USB	2	-
	USB	4	-
	PS/2	2	1
	COM	2	-
	VGA	1	1
	Parallel	1	-
	RJ-45	2	2
Audio	2 (Mic-in, Line-out)	-	
Operating System		Microsoft Windows 2000/XP/Windows 7	Windows Server 2008/2003
Power Supply	Power Output Wattage	300 W	300 W
	Input Range	AC 100 ~ 240 V	AC 100 ~ 240 V
Cooling	Chassis Fan	2	4
Miscellaneous	Notification LEDs	System: Power, HDD, Temperature, Fan, LAN1 and LAN2 System: Power, HDD, Temperature, Fan, LAN1 and LAN2	
Environment	Temperature	Operating 0 ~ 40° C (32 ~ 104° F)	Non-Operating -20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85% @ 40° C non-condensing	10 ~ 95% @ 40° C non-condensing
	Color	Black	Black
Physical Characteristics	Dimensions (W x H x D)	480 x 44 x 500 mm (19" x 1.7" x 19.7")	480 x 44 x 500 mm (19" x 1.7" x 19.7")
	Weight	9 kg (19.8 lb)	9 kg (19.8 lb)

## Ordering Information

Please visit Advantech CTOS portal for order entry.  
<http://www.advantech.com/ctos>

## System Content

Item	Part Number
<b>SYS-1U1010-4A01</b>	
Chassis	ACP-1010MB0-30ZE
MB	AIMB-766G2-00A1E
Riser card	AIMB-RP10P-01A1E
<b>SYS-1U1010-5S01</b>	
Chassis	ACP-1010BP-30ZE
SBC	PCE-7214G2-00A1E
Backplane	PCE-5B03V-01A1E