

SYS-5W6025-4S01

Intel® Core™2 Quad Processor SBC System with 5-slot Expansion

NEW



Features

- **Intel Q35 platform**
 - Supports Intel® Core™2 Quad Processor up to 3.0 GHz
 - Supports dual channel DDR2 667/800 SDRAM up to 8 GB
 - Supports 5-slot PICMG 1.3 full-size passive backplane
- **User friendly and alarm notification**
 - LED indicators and alarm notification for system fault detection, including power, HDD, temperature and fan
 - Easy-to-maintain system fan and reusable air filter
- **Supports single 1U 270 W power supply**



Specifications

Model	SYS-5W6025-4S01				
Processor System	Chipset	Intel Q35 + ICH9D0			
	CPU	Core 2 Quad 3.0 GHz	Core 2 Duo 3.33 GHz	Pentium 3.06 GHz	Celeron 400 Sequence 2.2 GHz
	L2 Cache	12 MB	6 MB	2 MB	512 KB
	Front Side Bus	1333 / 1066 / 800 MHz			
	Memory	Dual channel DDR2 667 / 800 MHz DIMMs up to 8 GB			
Graphics	Controller	Intel Media Accelerator 3100 integrated VRAM Shared with 256 MB system memory			
Expansion Slot	PCIe x16	1			
	PCIe x1	1			
	PCI	2			
Storage	HDD (supported)	2.5" & 3.5" SATA			
Drive Bay	3.5" (front-accessible)	1			
	3.5" (internal)	1			
	2.5" (internal)	2 (Option with special bracket)			
Ethernet	Interface	10/100/1000 Mbps			
	Controller	Intel 82566DM, Intel 82573V			
Front I/O Interface	USB	2			
Rear I/O Interface	USB	-			
	PS/2	1			
	COM	1			
	VGA	-			
	Parallel	1			
	RJ-45	2			
	Audio	-			
Operating System		Microsoft Windows 7/XP			
Watchdog Timer	Output	System reset			
	Interval	Programmable 1 ~ 255 seconds			
Power Supply	Power Output Wattage	270 W			
	Input Range	AC 100 ~ 240 V			
Cooling	Chassis Fan	1 (9 cm / 53 CFM)			
	Air Filter	Yes			
Miscellaneous	LED Indicators	Power, HDD activity, temperature and fan			
Environment		Operating	Non-Operating		
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)		
	Humidity	10 ~ 85% @ 40° C non-condensing	10 ~ 95% @ 40° C non-condensing		
Physical Characteristics	Dimensions (W x H x D)	111 x 212 x 420 mm (4.4" x 8.3" x 16.5")			
	Weight	10 kg (22 lb)			

Ordering Information

Please visit Advantech CTOS portal for order entry.

<http://www.advantech.com/ctos>

System Content

Item	Part Number
Chassis	IPC-6025BP-00XE
SBC	PCE-5124G2-00A1E
Backplane	PCE-5B05-02A1E
Power supply	1757001847