

# SYS-5W6025-4S01

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



## Features

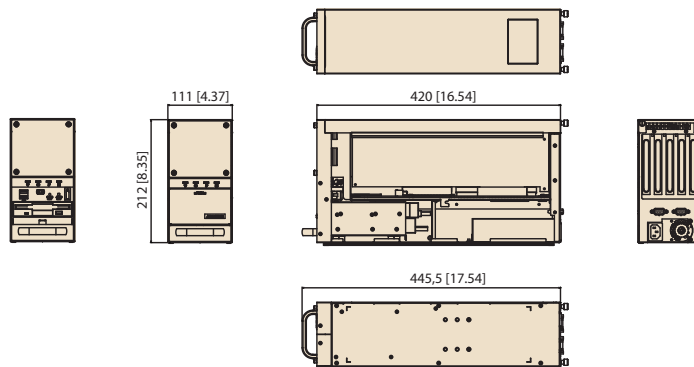
- Intel® Q35 platform
  - Supports Intel® Core™2 Quad processor up to 3.0 GHz
  - Supports dual channel DDR2 667/800 SDRAM up to 8 GB
  - Supports 5-slot PICMG 1.3 full-size passive backplane
- User friendly and alarm notification
  - LED indicators and alarm notification for system fault detection, 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 + ICH9DO			
	CPU	Core 2 Quad	Core 2 Duo	Pentium dual-core	Celeron 440
		2.66 GHz	3.0 GHz	2.6 GHz	2.0 GHz
	L2 Cache	6 MB	3 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 Shared with 384 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	-			
	VGA	1			
	Parallel	1			
	RJ-45	2			
	Audio	-			
Watchdog Timer	Output	System reset			
	Interval	Programmable, 1~255 sec/min			
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			
		Operating		Non-operating	
Environment	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)			

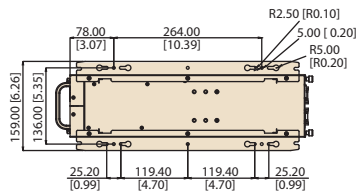
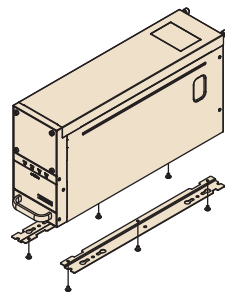
## Dimensions

Unit: mm [inch]



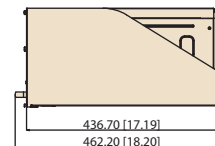
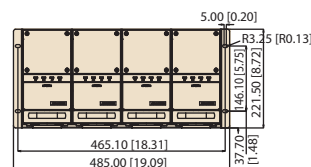
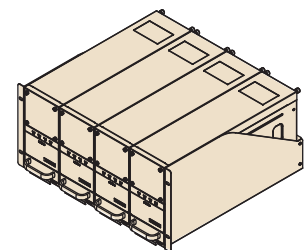
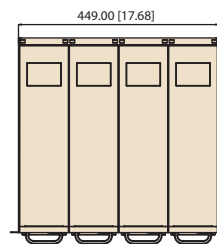
## Installation

### Single System



### Quad System

Unit: mm [inch]



## Ordering Information

Please visit Advantech eStore for order entry.  
<http://buy.advantech.com/>

## System Contents

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



Front View



Rear View



4 IPC-6025 combined as a Quad-system  
5U Rackmount Chassis