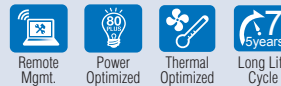


SYS-6W6806-4H01 Intel® Atom™ D525 System with 6 ISA Expansions



Features

- Intel® Atom™ ICH8M Platform
 - Dual Core™ high performance D525 CPU
 - Maximum 2 GB DDR2 667/800 memory
 - Optional module for 4 x RS-485 w/auto-flow control
- Expansion Capability
 - 6 ISA
 - Two 3.5" Shock-resistant Drive Bay
- Thoughtful and Management Design
 - Two front access USB ports
 - Easy maintain system fan and filter
 - 250W power supply

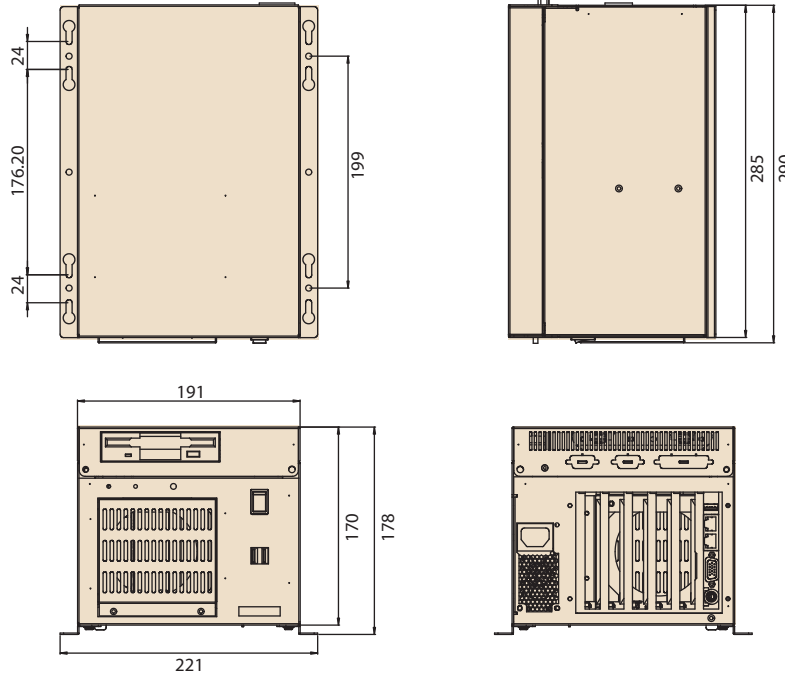


Specifications

Processor System	CPU	Intel Atom D525	
	Speed	1.8 GHz	
	L2 Cache	1 MB	
	Chipset	Intel ICH8M	
	BIOS	AMI 16Mb SPI Flash	
Memory	Technology	Single channel DDR2 667/800 MHz	
	Max. Cap.	max 2 GB SODIMM	
	Socket	200-pin DIMM x 1	
Graphics	On board	Embedded Gen3.5+ GFX Core technology, Direct X 9/Pixel Shader 2.0 compliant	
	VRAM	Shared 224 MB	
	Video Interface	15-pin VGA D-sub connector x1/Onboard LVDS pin header x 1 (supports single channel 18-bit LVDS)	
	Video Output	VGA: Supports up to SXGA 1400 x 1050 @ 60 Hz for N SKU, up to 2048 x 1536 @ 60 Hz for D SKU LVDS: Supports 18-bit single channel and up to WXGA 1366 x 768 or 1280 x 800 for both N and D SKUs Dual Display: VGA + LVDS, supports extended mode and clone mode for both N and D SKUs	
Expansion Slot	ISA	6	
Ethernet	Interface	10/100/1000 Mbps	
	Controller	LAN1: Intel 82567V	
Storage	3.5"	2 (1 Front-accessible, 1 Internal)	
Front I/O Interface	USB	2	
Rear I/O Interface	USB 2.0	8 ports on the SHB	
	Serial	Two RS-232 onboard pin-headers, plus four ports of RS-485 with auto-flow control by module (optional, Advantech P/N: PCA-COM485-00A1E)	
	Parallel	1 (EPP/ECP)	
	GPIO	1 (8-bit)	
	FDD	1	
	PS/2	1 (for mouse and keyboard, a Y cable is included in the package)	
Watchdog Timer	Output	Interrupt, system reset	
	Interval	Programmable, 1~255 sec/min	
Power Supply	Output Rating	250W	
	Input Voltage	AC 100 ~ 240 V (full range)	
Cooling	Fan	1 (9cm / 53 CFM)	
	Air Filter	Yes	
Miscellaneous	LED Indicators	Power and HDD	
	Control	Power switch and system reset button	
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
	Vibration (5 ~ 500 Hz)	0.5 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	30 G
Physical Characteristics	Dimensions (W x H x D)	166 x 170 x 393 mm (6.5" x 6.7" x 15.4")	
	Weight	6.3 kg (13.9 lb)	

Dimensions

Unit: mm [inch]



Ordering Information

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

System Content

Item	P/N
Chassis	IPC-6806S-25CE
Motherboard	PCA-6782D-S8A1E
Backplanes	PCA-6106-0B2E

Front View

