

IPC-6806

6-slot Desktop/Wallmount Chassis with 1U Power Supply



IPC-6806S

IPC-6806

IPC-6806W

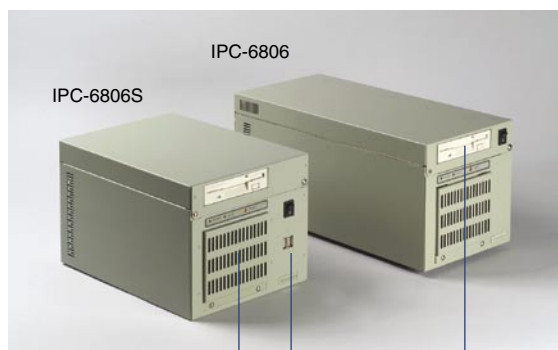


Features

- Three models with different sizes to support various industrial applications
- Supports 6-slot backplane
- Supports front USB interface (IPC-6806S and IPC-6806W)
- IPC-6806W is especially equipped with a front-mounted 5.25" drive bay for a CD-ROM
- Streamlined filtered airflow
- Versatile 6-slot backplane options

Specifications

Cooling	Fan	One (58 CFM for IPC-6806W; 53 CFM for IPC-6806 and IPC-6806S)	
	Air Filter	Yes	
I/O Interface	USB	IPC-6806W and IPC-6806S only	
Miscellaneous	Control	Power on/off switch and system reset switch	
	Indicators	Power on/off and HDD activity	
Environment	Temperature	Operating 0 ~ 40° C (32 ~ 104° F)	Non-Operating -20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 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
	Acoustic Noise	Less than 52 dB at 5 ~ 28° C (41 ~ 82° F)	
	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	



One 53-CFM cooling fan with filter

USB

3.5" FDD



Hold down clamp

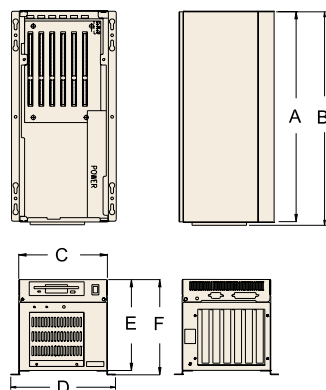
1U 300 W ATX power supply

One internal 3.5" HDD

USB

5.25" CD-ROM & FDD

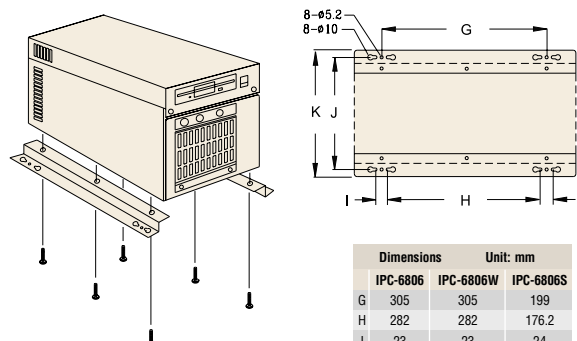
Dimensions



Dimensions	Unit: mm		
	IPC-6806S	IPC-6806	IPC-6806W
A	285	393	393
B	290	398	398
C	191	166	198
D	221	196	228
E	170	170	213
F	178	178	221

Unit: mm (inch)

Installation



Dimensions	Unit: mm		
	IPC-6806	IPC-6806W	IPC-6806S
G	305	305	199
H	282	282	176.2
I	23	23	24
J	180.6	212.6	205.6
K	196	228	221

Unit: mm (inch)

Selection Guide

Part Number	IPC-6806SB-15ZBE	IPC-6806BP-20ZBE	IPC-6806WB-30ZBE
Drive Bay	3.5" FDD x 1, 3.5" HDD x 1	3.5" FDD x 1, 3.5" HDD x 1	5.25" CD-ROM x 1, 3.5" FDD x 1, 3.5" HDD x 1
Power Supply	150 W PFC	200 W PFC	300 W PFC
Backplane	PCA-6106-0B2E, PCA-6105P5-0B2E (for half-sized cards only)	PCA-6106-0B2E, PCA-6106P3-0D2E, PCA-6105P5-0B2E	PCA-6106-0B2E, PCA-6106P3-0D2E, PCA-6106P4-0A2E, PCA-6105P5-0B2E
Dimensions (W x H x D)	191 x 170 x 285 mm (7.5" x 6.7" x 11.2")	166 x 170 x 393 mm (6.5" x 6.7" x 15.4")	198 x 213 x 393 mm (7.8" x 8.4" x 15.4")
Weight	6 kg (13.2 lb)	7.2 kg (15.9 lb)	8 kg (17.6 lb)

Power supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
1757000209G (IPC-6806S)	150 W ATX	AC 100 ~ 240 V (full-range)	+5 V @ 14 A, +3.3 V @ 10 A +12 V @ 6 A, -12 V @ 0.8 A -5 V @ 0.5 A, +5 Vsb @ 1.5 A	+5 V @ 2 A, +12 V @ 1 A -5 V @ 0.1 A, -12 V @ 0.1 A +3.3 V @ 1 A, +5 V @ 0.1 A	UL/TUV/CB/CCC	84,000 hours @ 25° C
OP-20PZE (IPC-6806)	200 W AT	AC 100 ~ 240 V (full-range)	+5 V @ 16 A, +12 V @ 9 A, -12 V @ 0.7 A, -5 V @ 0.2 A	+5 V @ 2 A, +12 V @ 1 A -5 V @ 0.1 A, -12 V @ 0.1 A	UL/TUV/CB/CCC	84,000 hours @ 25° C
1757000160G (IPC-6806W)	300 W ATX	AC 100 ~ 240 V (full-range)	+5 V @ 25 A, +3.3 V @ 14 A +12 V @ 16 A, -12 V @ 1 A -5 V @ 0.5 A, +5 Vsb @ 2 A	+5 V @ 3 A, +12 V @ 2 A -5 V @ 0.05 A, -12 V @ 0.05 A +3.3 V @ 1 A, +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	100,000 hours @ 25° C

Ordering Information

Part Number	Power Supply	Backplane	Regulation	Switch
IPC-6806SB-15ZBE	1757000209G	-	CE	AT
IPC-6806BP-20ZBE	OP-20PZE	-	CE	AT
IPC-6806P3-20ZBE	OP-20PZE	PCA-6106P3-0D2E	CE	AT
IPC-6806WB-30ZBE	1757000160G	-	CE	AT