

IPC-6806

6-Slot Desktop/Wallmount Chassis for Full- / Half-Size SBC with 1U Power Supply



IPC-6806S

IPC-6806

IPC-6806W

Features

- Three models with different sizes to support various industrial applications
- Supports versatile 6-slot backplanes
- Supports front USB interface
- IPC-6806W is especially equipped with a front-mounted 5.25" drive bay for an optical disk drive
- Streamlined filtered airflow

Esis Pty Ltd www.esis.com.au

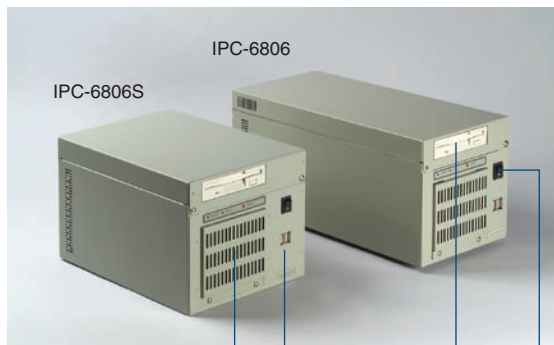
ESIS
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Specifications

Model Name		IPC-6806S	IPC-6806	IPC-6806W
Drive Bay	5.25"	-	-	ODD x 1
	3.5"	FDD x 1, HDD x 1	FDD x 1, HDD x 1	FDD x 1, HDD x 1
Cooling	Fan	1 (9cm / 53 CFM)	1 (9cm / 53 CFM)	1 (9cm / 58 CFM)
	Air Filter	Yes	Yes	Yes
Front I/O Interface	USB	2	2	2
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)	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	5.6 kg (12.3 lb)	6.3 kg (13.9 lb)	8 kg (17.6 lb)



IPC-6806S

IPC-6806

One 53 CFM cooling USB fan with filter

3.5" FDD Power switch



IPC-6806W

Hold-down clamp

1U 300 W ATX power supply

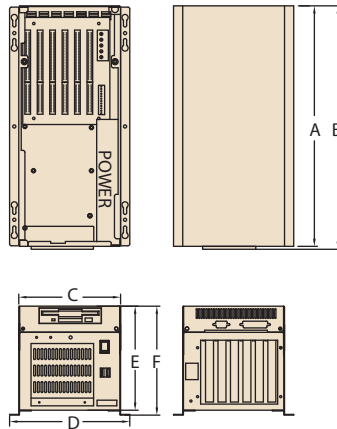
One internal 3.5" HDD

USB

5.25" CD-ROM & FDD

Dimensions

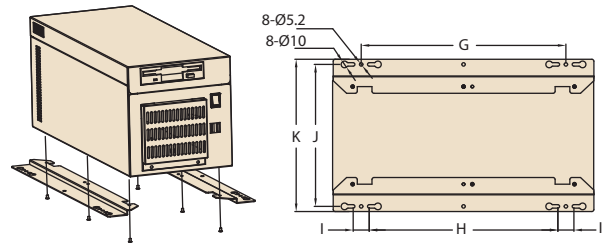
Unit: mm



	Dimensions		
	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

Installation

Unit: mm



	Dimensions		
	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

Power Supply Options

Part Number	Watts	Input	Output	Specifications		
				Mini-load	Safety	MTBF
1757000209G (IPC-6806S) (ATX, PFC)	150 W	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 +5 V @ 0.1 A	UL/TUV/CB/CCC	84,000 hours @ 25° C
1757001397 (IPC-6806) (ATX, PFC)	250 W	AC 100 ~ 240 V (full-range)	+5 V @ 23 A, +3.3 V @ 14 A, +12 V @ 16 A, -12 V @ 0.5 A, -5 V @ 0.2 A, +5 Vsb @ 2 A	+5 V @ 3 A, +3.3 V @ 1 A, +12 V @ 2 A	UL/TUV/CB/CCC	110,000 hours @ 25° C
1757000160G (IPC-6806W) (ATX, PFC)	300 W	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-25ZCE	1757001397	-	CE	ATX
IPC-6806P3-25ZCE	1757001397	PCA-6106P3-0D2E	CE	ATX
IPC-6806WB-30ZBE	1757000160G	-	CE	AT

Backplane Options

Chassis Model	Backplane Options
IPC-6806SB-15ZBE	PCA-6106-0B2E, PCA-6105P5-0B2E (for half-size cards only)
IPC-6806BP-25ZCE	PCA-6106-0B2E, PCA-6106P3-0D2E PCA-6105P5-0B2E, PCA-6104P4-0A2E
IPC-6806WB-30ZBE	PCA-6106-0B2E, PCA-6106P3-0D2E PCA-6106P4-0A2E, PCA-6105P5-0B2E



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