

IPC-644

4-slot Compact Desktop/Wallmount Chassis with Open Frame AC, DC Power Supply



Features

- Ultra-compact wallmount/desktop IPC chassis
- Equipped with a 4-slot ISA or PCI backplane to hold 4 half-size cards
- One front-access 3.5" FDD and one internal 3.5" HDD
- Two (9-pin and 25-pin) I/O ports
- Power switch with connector
- One 49-CFM filtered cooling fan and one 14 CFM cooling fan
- Replaceable and easy to clean fan filters
- 60 W AC & DC power supply options

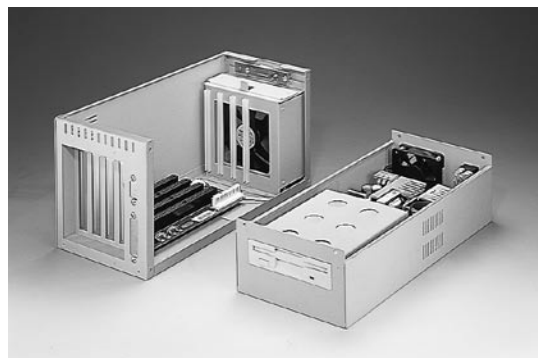


Introduction

The IPC-644 is an ultra-compact 4-slot mini mode chassis, an ideal embedded application workhorse. The IPC-644 can be equipped with a 4-ISA or 1 ISA/2 PCI/1 NLX backplane to hold 4 half-size cards. It is also equipped with both the DC and AC power inputs. The IPC-644 is suited for environments found on boats and other vehicles on the go, and equally suited for indoor operation. Designed to offer optimal performance, it comes with two LED indicators on the front panel for DC power and HDD activity, to facilitate easy diagnostics and maintenance. It is also equipped with two controllers, for Reset and Power on/off switch. Disk drives include one 3.5" FDD and one internal HDD drive. Other features include versatile PCI/ISA-bus backplanes, two 9/25-pin I/O reserved ports, built-in 80 W power supply and two 49/19.4 CFM cooling fans to dissipate heat fast.

Specifications

		Front-accessible	Internal
▪ Drive Bay	3.5"	1	
	3.5"		1
▪ Cooling	Fan	1 (53 CFM/each),	1 (14 CFM/each)
▪ Miscellaneous	Control	System reset, AC power On/Off switch	
	Indicator	LEDs for power On/Off and HDD activity	
	Speaker	One 8 W compact size speaker	
▪ Environment	Temperature	0 ~ 40° C (32 ~ 104° F), operating	
	Humidity	10 ~ 85 % @ 40° C, non-condensing	
▪ Physical	Dimensions (W x H x D)	135 x 208 x 305 mm (5.3" x 8.2" x 12")	
	Weight	3.8 Kg (8.4 lb)	



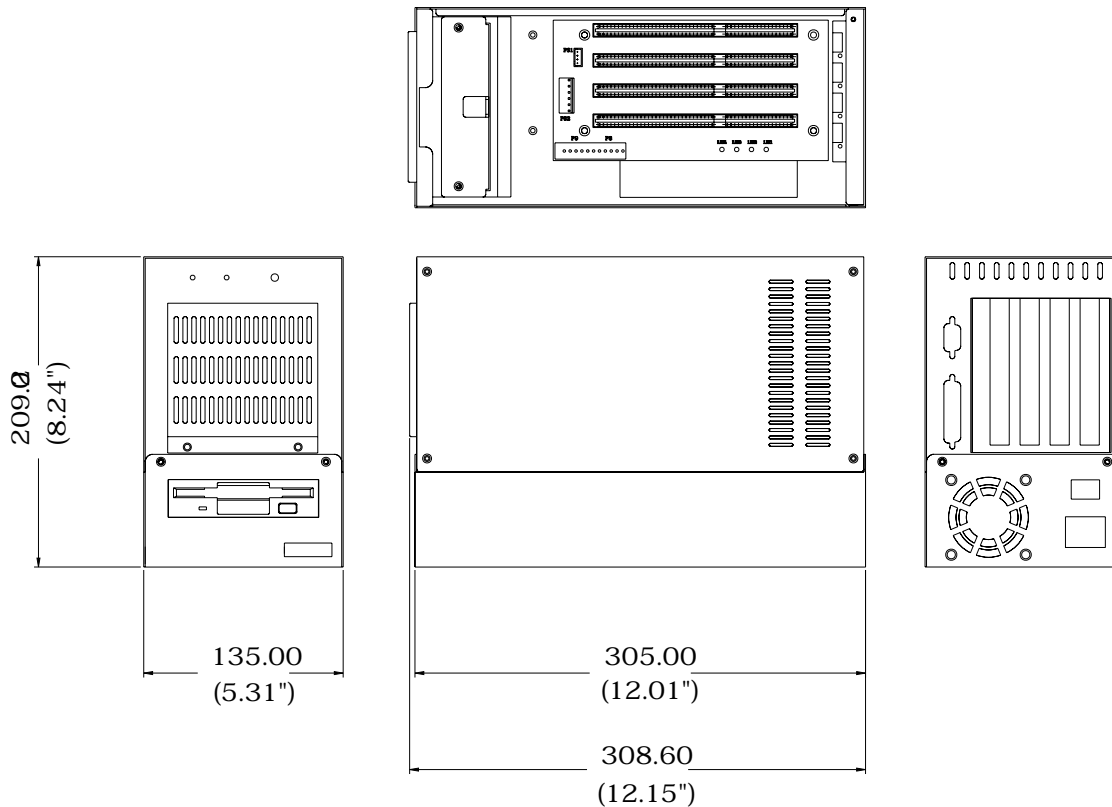
The IPC-644 is an ideal chassis for 4 x ISA, 4 x PCI or 1 x ISA, 2 x PCI, 1 x NLX backplanes to hold up to 4 half-sized cards. An 80 W power supply is included.

Power Supply Options

Part Number	Watt	Specifications Input	Output	Mini-load	Safety	MTBF
▪ PS-80	80 W	AC 85 ~ 264 V	+5 V @ 8 A +12 V @ 3.5 A -12 V @ 1 A	+5 V @ 0.7 A +12 V @ 0.3 A	UL/CSA/CE/ CB/BABT/ VDE/Nemko	50,000 hours
▪ OP-60P	60 W	AC 90 ~ 264 V	+5 V @ 5 A +12 V @ 2 A -12 V @ 0.5 A	--	CE/CB/CSA/TUV	100,000 hours 25° C full load
▪ OP-60P-D24	60 W	DC 24 V	+5 V @ 8 A +12 V @ 4 A -12 V @ 0.5 A	+5 V @ 0 A	--	--
▪ OP-60P-D48	60 W	DC 48 V	+5 V @ 8 A +12 V @ 4 A -12 V @ 0.5 A	+5 V @ 0 A	--	--

Dimensions

Unit: mm (inch)



A 49 CFM cooling fan for easy-replacement and maintenance

Passive Backplane Options

B/P Model Name	Slot per Segment (ISA/PCI/CPU)	Segment
▪ PCA-6104	4-slot ISA	Single
▪ PCA-6104P4	4-slot PCI	Single

Ordering Information

Part Number	With PowerSupply	With Backplane	Regulation
▪ IPC-644-80	PS-80	PCA-6104	UL/CE/CUL
▪ IPC-644BP-80	PS-80	--	UL/CE/CUL
▪ IPC-644P4-80	PS-80	PCA-6104P4	UL/CE/CUL
▪ IPC-644BP-60	OP-60P	--	UL/cUL/CE
▪ IPC-644BP-D24	OP-60P-D24	--	CE
▪ IPC-644BP-D48	OP-60P-D48	--	CE