

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-accessible 3.5" FDD and one internal 3.5" HDD
- Two (9-pin and 25-pin) I/O ports
- Power on 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 power supply options



Introduction

IPC-644 is an ultra-compact 4-slot mini node chassis, an ideal embedded application workhorse. 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 DC and AC power inputs. IPC-644 is ideal for environments such as boats and other modes of transport, yet is equally suitable 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 switches for reset and power. Disk drives include one 3.5" FDD and one internal HDD. Other features include versatile PCI/ISA-bus backplanes, two 9/25-pin I/O reserved ports, built-in 60 W power supply and two 49/19.4 CFM cooling fans to dissipate heat fast.

Specifications

		Front-accessible	Internal
Drive Bay	3.5"	1	1
Cooling	Fan	1 (49 CFM), 1 (14 CFM)	
Miscellaneous	Control Indicator	System reset, AC power On/Off switch LEDs for power On/Off and HDD activity	
Environment	Temperature	0 ~ 50 °C (32 ~ 122 °F), operating	
	Humidity	10 ~ 95 % @ 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)	



4-slot ISA or NLX backplane to hold 4 half-size cards

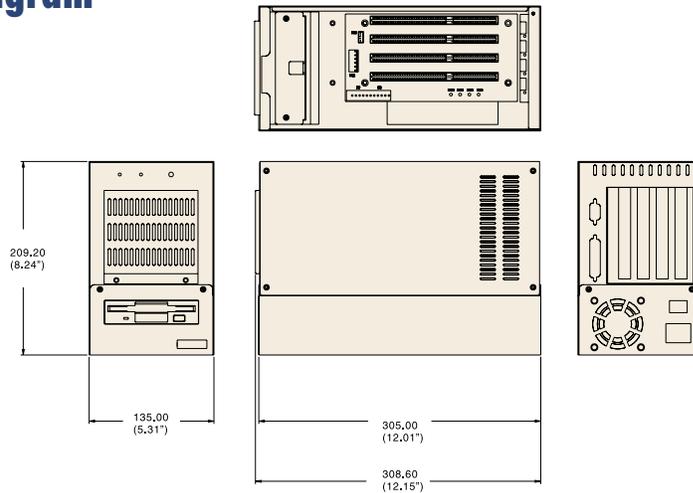


One 14-CFM cooling fan
One 3.5" drive bay



A 49-CFM cooling fan for easy-replacement and maintenance

Dimension Diagram



Unit: mm (inch)

Power Supply Options

Part Number	Watt	Input	Output	Specifications		
				Mini-load	Safety	MTBF
OP-60P	60 W	AC 90 ~ 264 V	+5 V @ 5 A +12 V @ 2 A -12 V @ 0.5 A	--	CE/CB/CSA/TÜV	100,000 hours@ 25 °C full load
OP-60P-D24	60 W	DC 18 ~ 32 V	+5 V @ 6 A +12 V @ 2.5 A -12 V @ 0.3 A	+5 V @ 0 A +12 V @ 0 A -12 V @ 0 A	--	--
OP-60P-D48	60 W	DC 36 ~ 72 V	+5 V @ 6 A +12 V @ 2.5 A -12 V @ 0.3 A	+5 V @ 0 A +12 V @ 0 A -12 V @ 0 A	--	--

Passive Backplane Options

Part Number	Slot	Segment
969K610410	4 ISA	Single
969K610460	4 PCI	Single

Ordering Information

Part Number	With Power Supply	With Backplane	Regulation
IPC-644BP-60	OP-60P	--	UL, cUL, CE
IPC-644BP-D24	OP-60P-D24	--	CE
IPC-644BP-D48	OP-60P-D48	--	CE
IPC-644-60	OP-60P	PCA-6104	UL, cUL, CE
IPC-644P4-60	OP-60P	PCA-6104P4-0B1	UL, cUL, CE