

MBPC-641

4-slot MicroBox 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
- Two (9-pin and 25-pin) I/O ports
- Power on switch with connector
- One 49-CFM cooling fan with air filter
- Replaceable and easy to clean fan filters
- 60 W AC, DC 24 V and DC 48 V power supply options

Introduction

The MBPC-641 MicroBox IPC chassis is an ultra-compact 4-slot IPC chassis for embedded control systems or other limited-space applications. Its small size and rugged design make it excellent for vending machines, mobile computer systems, and unattended controllers. The MBPC-641 provides the necessary framework for

building a complete PC control system. It supports most half-sized CPU cards and is equipped with a mounting panel for special connectors or cable extensions. In addition, the MBPC-641 reserves one RS-232 port and one parallel port. Also included is a 65-watt power supply with power On/Off switch.

Specifications

Cooling	Fan	1 (49 CFM)
	Air Filter	Yes
Miscellaneous	Slot	4 ISA slots, half-size
Environment	Temperature	0 ~ 50 °C (32 ~ 122 °F), operating
	Humidity	10 ~ 95 % @ 40 °C, non-condensing
Physical	Dimensions (W x H x D)	114 x 197 x 245 mm (4.5" x 7.8" x 9.6")
	Weight	2.8 Kg (6 lb)

Passive Backplane Options

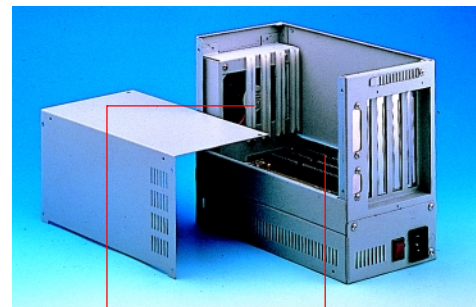
B/P Model Name	Slot	Segment
969K610430	4 ISA	Single
969K610450	4 PCI	Single

Ordering Information

Part Number	With Power Supply	With Backplane	Regulation
MBPC-641BP-60	OP-60P	--	UL, cUL, CE
MBPC-641BP-D24	OP-60P-D24	--	CE
MBPC-641BP-D48	OP-60P-D48	--	CE
MBPC-641-60	OP-60P	969K610430	UL, cUL, CE
MBPC-641P4-60	OP-60P	969K610450	UL, cUL, CE

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
OP-60P	60 W	AC 90 V ~ 264 V	+5 V @ 5 A +12 V @ 2.3 A -12 V @ 0.5 A	+5 V @ 0 A +12 V @ 0 A -12 V @ 0 A	UL/CSA/TÜV	100,000 hours @ 25 °C full load
OP-60P-D24	60 W	DC 18 V ~ 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 V ~ 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	--	--



One 49-CFM cooling fan with air filter

Equipped with a 4-slot ISA or PCI backplane to hold 4 half-sized cards



For More Information

www.advantech.com/icd

Enter

ADVANTECH

• All brand names and registered trademarks are the property of their respective owner
• All specifications are subject to change without notice

Date of Publication: 2003-07-14