

ATM-4023

8-slot Industrial Automation Chassis with 6.4" LCD/4U, Front-access & Wiring



Features

- Front-accessible I/O (on/off switch, USB ports*2, Front ISA or PCI cable wiring)
- 6.4" TFT information display with function and cursor key.
- Flexible mechanical design for versatile mounting solution for wall mount, rackmount, and desk-top.
- Optional keyboard & touch pad
- External power and HDD LED indicator
- 8-slot backplane for half-sized card, including pure PCI*8, pure ISA*8

Introduction

The ATM-4023 is a 4U height 8-slot IPC chassis designed for multipurpose applications. The unit includes an 8-slot passive-backplane, 6.4" TFT LCD display with 5 function keys, 5 cursor keys, optional built-in keyboard and touch pad, front accessible and wiring design for customer's easy maintenance.

Various mount kit designs to fit the demand of different application customers. Mount types include Rackmount, Wallmount, Desktop mount. So the production can be used as automation testing platform, test and measurement equipment, transportation control station, and industrial control.

Specifications

Drive Bay		Front-accessible	
	Slim CD-ROM	1	
	3.5"	3	
Cooling	Fan	61.8 CFM/each cooling fan, easy maintenance	
Miscellaneous			
Environment		Operating	Non-Operating
	Temperature	0 ~ 50° C (32 ~ 122° F)	-20 ~ 70° C (-4 ~ 158° F)
	Humidity	--	10 ~ 95 % @ 40° C, non-condensing
	Vibration (5-500 Hz)	1 G rams	2 G
	Shock	5 ~ 10 G (With 11 msec duration, 1/2 sine wave)	30 G
	Acoustic Noise	Less than 52 dB sound pressure at 5 ~ 28° C (41 ~ 82° F)	
Physical	Altitude	0 to 3048 m (0 ~ 10,000 ft)	
	Dimensions (W x H x D)	482 x 173 x 265 mm (19" x 6.8" x 10.4")	
	Weight	12 kg (26.4 lb)	
Compliance	Safety	CE compliant, UL/cUL, FCC, CCC approved	

Power supply

Model Name	Specifications				
	Watt	Input	Output	Mini-load	Safety
1U250 WATX-Z (ATX, PFC) ZIPPY P1A-820P	250 W	90 ~ 264 V _{AC} FULL RANGE	+5 V @ 25 A +3.3 V @ 14 A +12 V @ 12 A -12 V @ 1 A -5 V @ 0.5 A +5 Vsb @ 1.5 A	+5 V @ 3 A +12 V @ 2 A +3.3 V @ 1 A	UL 1950, CSA 22.2 ND/ 950, TÜV IEC 950FCC CLASS B, CISPR22 CLASS B

Ordering Information

Model Name	With Power Supply	With Backplane	Regulation
ATM-4023 BP-00Z	W/O	W/O	None
ATM-4023 BP-25Z	1U250 WATX-Z	W/O	None
ATM-4023P8-25Z	1U250 WATX-Z	PCA-6108P8-0A1 (PCI)	UL/cUL/CE/CCC
ATM-4023-25Z	1U250 WATX-A	PCA-6108-0B1 (ISA)	UL/cUL/CE/CCC