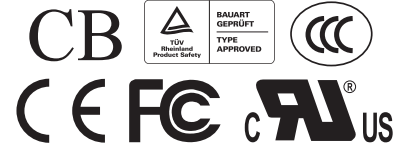
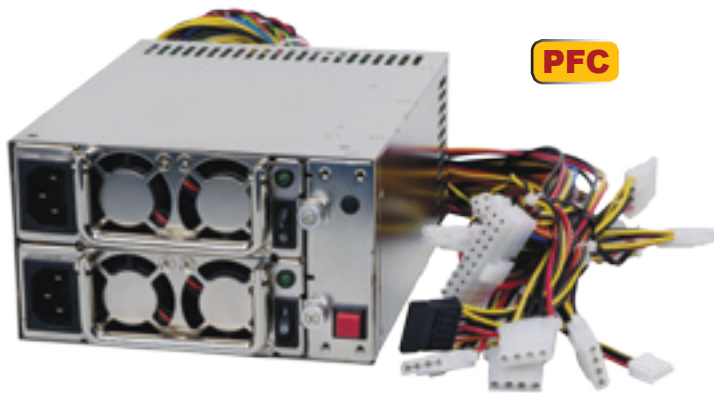


ACE-R4130AP

300 W ATX Mini Redundant Power Supply



1
Application
Server
Platform

2
Single
Board
Computer

3
IBX Series
POS PC

4
AFOLUX
POS
Panel PC

5
Video
Capture
Card

6
KAMIO
RISC

7
IOVU
Open HMI

8
VITO
Universal
Controller

9
DINO
BLADE

10
LCD
Product
Series

11
Embedded
System

12
Industrial
Computer
Chassis

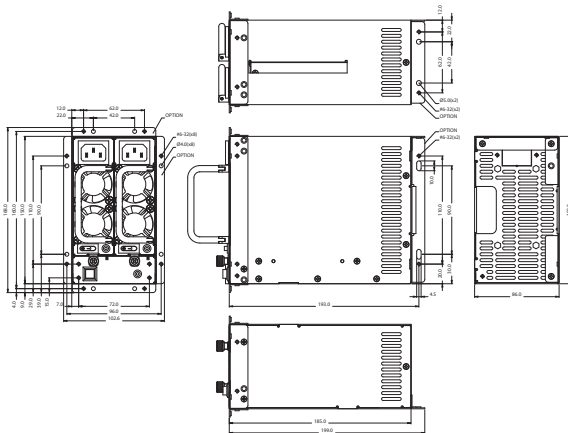
13
Power
Supply

14
Peripherals

Features

1. RoHS compliant
2. High efficiency and reliability
3. Low noise and ripple
4. Meets ATX Specification v2.2, with 20+4-pin ATX power and SATA connectors
5. Overvoltage and overcurrent protection
6. Meets multiple safety standards and is EMC certified

Dimensions



PICMG1.0 Form Factor Backplane



20+4 pin ATX power connector



PICMG1.3 Form Factor Backplane PE-10S/6S



Specifications

Input	Voltage	90 ~ 264 VAC Full Range				
	Frequency	47 Hz ~ 63 Hz				
	Input Current	6 A(RMS)@110 VAC 3 A(RMS)@220 VAC				
	Inrush Current	60 A Max for 110 VAC 80 A Max for 220 VAC				
Output	Voltage	Min. load	Max. load	Load Reg.	Line Reg.	Ripple & Noise
	+5 V	3 A	25 A	±5 %	±1 %	50mV P-P
	+12 V	2 A	16 A	±7 %	±1 %	120mV P-P
	-5 V	0 A	0.5 A	±10 %	±1 %	150mV P-P
	-12 V	0 A	0.5 A	±10 %	±1 %	150mV P-P
	+3.3 V	1 A	18 A	±5 %	±1 %	50mV P-P
	+5 Vsb	0.1 A	2 A	±5 %	±1 %	60mV P-P
	*Total current of +5 V and +3.3 V not exceed 35 A					
	*Total current of +5 V, +3.3 V and +12 V not exceed 282 W					
	Overvoltage protection	+12 V : 13 V ~ 14.6 V +5 V : 5.7 V ~ 6.6 V +3.3 V : 3.9 V ~ 4.3 V				
General Specifications	Short Circuit protection	Shut down and latch off				
	Watt	300 W				
	PFC	Active				
	Hold-up time	16 ms Min.				
	Efficiency	65 % Min.				
	MTBF	160,000 hours				
	Temperature	Operating : 0 °C~50 °C Storage : -20 °C~ 80 °C				
	Dimensions	185 x 150 x 86 (mm) 7.28 x 5.91 x 3.39 (inch)				
	Output connector	20+4PIN ATX x1, 4PIN 12V CPU x1, HDD/ CDROM x8, FDD x2, SATA x2, Buzzer Reset x1, T.T.L signal x1, LED power x1				

Ordering Information

Part No.	Description
ACE-R4130AP-RS	300 W Mini Redundant ATX Power Supply, with PFC
ACE-R4130AP1-RS	300 W AC-DC ATX Redundant module, for ACE-R4130AP, with PFC