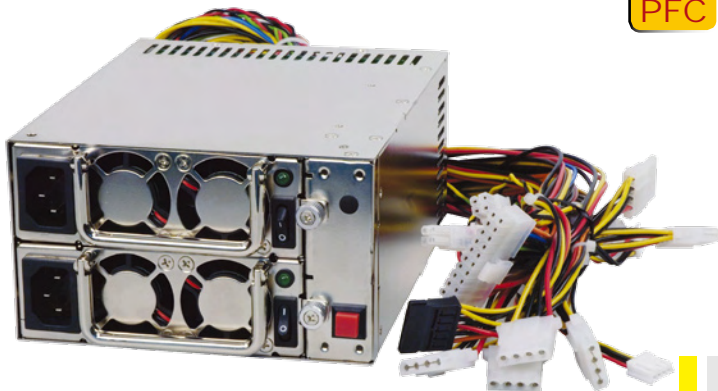


# ACE-R4130AP 300 W ATX Mini Redundant Power Supply

PFC



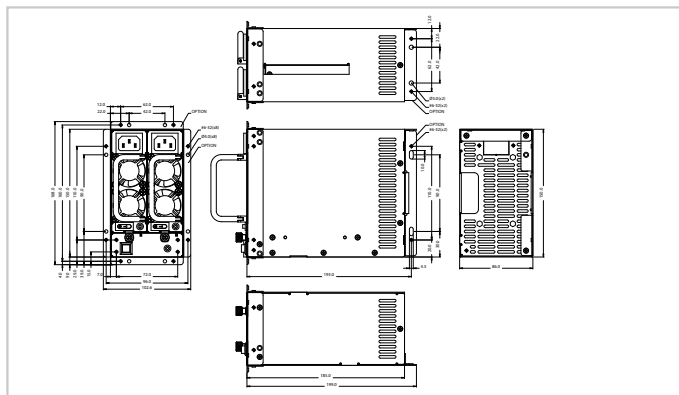
## Specifications

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					
Short Circuit protection	Shut down and latch off						
General Specifications	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					

## 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

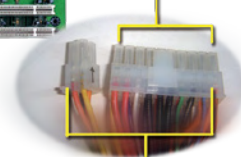
## Dimensions



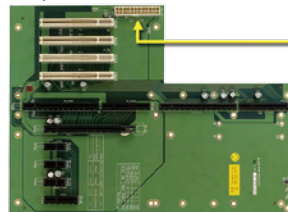
PICMG1.0 Form Factor Backplane



20+4 pin ATX power connector



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



## 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

1  
Industrial  
Computing  
Solutions

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Computing  
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Industrial Data  
Collector  
and Controller

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Video  
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Solutions

5  
I/O  
Communication  
Solutions

6  
Panel  
Solutions

7  
ORing  
Network  
Communication

8  
Power Supply/  
Peripherals