

# PS/2 AC Input ATX Type

## ACE-A160A

600W PS/2 ATX Power Supply with ErP



**New**



Meet 80 PLUS (BRONZE)

ErP  
5Vsb < 1W Input

PFC



### Ordering Information

Part No.	Description
ACE-A160A-R10	600W AC-DC PS/2 ATX Power Supply with ErP, Meet 80 PLUS (Bronze)

### Dimensions

REF. ID.	PIN NO.	SIGNAL	WIRE COLOR	CABLE LENGTH
P1 24	1	+3.3VDC	ORANGE	400±15mm
	2	+3.3VDC	ORANGE	
	3	COM	BLACK	
	4	+5VDC	RED	
	5	COM	BLACK	
	6	+5VDC	RED	
	7	COM	BLACK	
	8	PW-OK	GRAY	
	9	+5Vsb	PURPLE	
	10	+12V3	Yel/Blue	
	11	+12V3	Yel/Blue	
	12	+3.3VDC	ORANGE	
	13	+3.3VDC	ORANGE	
	14	+3.3V <sub>sense</sub>	BROWN	
	14	-12VDC	BLUE	
	15	COM	BLACK	
	16	PS-ON	GREEN	
	17	COM	BLACK	
	18	COM	BLACK	
	19	COM	BLACK	
	20	-5V	WHITE	
	21	+5VDC	RED	
	22	+5VDC	RED	
	23	+5VDC	RED	
24	COM	BLACK		
P2	1	COM	BLACK	400±15mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+5VDC	RED	
P3	1	COM	BLACK	500±15mm
	2	COM	BLACK	
	3	+12V1	YELLOW	
	4	+12V1	YELLOW	
PA	1	+3.3VDC	ORANGE	400±15mm
	2	COM	BLACK	
	3	+5V	RED	
	4	COM	BLACK	
	5	+12V3	Yel/Blue	
PB	1	+3.3VDC	ORANGE	155±10mm
	2	COM	BLACK	
	3	+5V	RED	
	4	COM	BLACK	
	5	+12V3	Yel/Blue	
PI	1	+12V4	Yel/White	400±15mm
	2	COM	BLACK	
	3	COM	BLACK	
PL	4	+5V	RED	155±10mm
	3	COM	BLACK	
PJ	1	+12V4	Yel/White	155±10mm
	2	COM	BLACK	
PM	3	COM	BLACK	155±10mm
	4	+5V	RED	
PK	1	+5V	RED	150±10mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+12V4	Yel/White	
PC	1	+12V2	Yel/Black	400±15mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+5V	RED	
PD	1	+12V2	Yel/Black	155±10mm
	2	COM	BLACK	
PE	3	COM	BLACK	155±10mm
	4	+5V	RED	
PG	1	+5V	RED	150±10mm
	2	COM	BLACK	
PH	3	COM	BLACK	150±10mm
	4	+12V2	Yel/Black	

### Specifications

Input	Voltage	90~265 VAC Full Range		
	Frequency	47~63Hz		
	Input Current	10A(RMS)@115VAC, 5A(RMS)@230VAC		
	Inrush Current	40A max for 115VAC 80A max for 230VAC		
Output	Voltage	Min. load	Max. load	Ripple & Noise
	+3.3V	1.5A	25.0A	50mV
	+5V	1A	25.0A	50mV
	+12V1	1A	16.0A	120mV
	+12V2	1A	16.0A	120mV
	+12V3	1A	16.0A	120mV
	+12V4	0.5A	16.0A	120mV
	-12V	0A	0.5A	120mV
	+5VSB	0A	4.0A	50mV
	Maximum continuous combined load on +3.3VDC and +5VDC outputs shall not exceed 150watts.			
Maximum continuous total DC output power should not exceed 600W				
Over Voltage Protection	5V: 5.7V-6.5V			
	12V1 ~12V4: 13.3V-16.7V			
Short Circuit Protection	3.3V: 3.9V-4.5V			
	+3.3V, +5V, +12V1, +12V2, +12V3, +12V4, 24V or -12V shutdown and latch off			
General Specifications	Watt	600W		
	PFC	Active		
Hold-up time	16 ms Min.			
Efficiency	85%			
MTBF	100000 hours			
Temperature	Operating: -5°C ~ 50°C			
	Storage: -40°C ~ 80°C			
Dimensions	140 x 150 x 86 (mm)			
Output Connector	20+4-pin ATX x 1, 4-pin 12V CPU x 1, HDD/CDROM x 1, FDD x 2, SATA x 2, extra +5V(P10) x 1			

