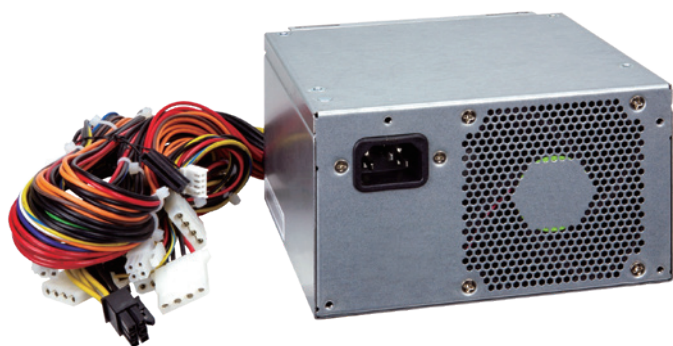


Part No.	Description
63010-010300-020-RS	300W PS/2 ATX Power Supply with ERP&PFC, meets 80 plus (Gold), RoHS

Input	Voltage	90~264 VAC Full Range		
	Frequency	47 Hz ~ 63 Hz		
	Input Current	4A (RMS)@115VAC, 2A (RMS)@230VAC		
	Inrush Current	80A max. for 115VAC, 160A max. for 230VAC		
Output	Voltage	Min. load	Max. load	Ripple & Noise
	+3.3V	0 A	19 A	50mV
	+5V	0.2 A	16 A	50mV
	+12V1	0.05 A	17 A	120mV
	+12V2	0 A	17 A	120mV
	-12V	0 A	0.5A	120mV
	+5VSB	0 A	3 A	50mV
	-5V	0 A	0.1 A	100mV
	Total combined output of +3.3V and +5V is ≤103W			
	Total output for this power supply is 300 watts			
General Specifications	Over Voltage Protection	+3.3V: 3.76V-4.3V +5V: 5.74V-7.0V +12V1 and +12V2: 13.4V-15.6V		
	Short Circuit Protection	+3.3V, +5V, +12V shutdown and latch off		
	Watt	300W		
	PFC	Active		
	Hold-up Time	16 ms min.		
	Efficiency	87%		
	MTBF	100,000 hours		
	Temperature	Operating: 0°C ~ 50°C Storage: -40°C ~ 70°C		
Dimensions (mm)	140 x 150 x 86			
Output Connctrctor	1 x 20+4-PIN ATX, 2 x 4-pin 12V CPU, 7 x HDD/ CDROM, 1 x Graphics card power, 1 x FDD, 2 x SATA			

Figure 1: Cable layout for the 1U rackmount server. The figure includes a side view of the server showing cable connections for P1 through PJ, PB, PA, PC, PD, PE, PF, PG, PH, and PI. A top view shows the cable layout with dimensions in inches and millimeters. A bottom view shows the cable layout with dimensions in inches and millimeters. A table on the right lists the cable specifications for each connector, including signal type, color, and length.

REF. ID	PORT	SIGNAL	WIRE COLOR	PAIRS	CONNECTOR TYPE	CABLE LENGTH
1	P1	+3.3VDC	ORANGE	30	REF	500±15mm
2	P1	+5.3VDC	ORANGE	30	REF	500±15mm
3	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
4	P1	+5VDC	RED	30	P4-AL00022 or EQUIV.	500±15mm
5	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
6	P1	+5VDC	RED	30	P4-AL00022 or EQUIV.	500±15mm
7	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
8	P1	PS-ON	GRAY	30	P4-AL00022 or EQUIV.	500±15mm
9	P1	+5VDC	RED	30	P4-AL00022 or EQUIV.	500±15mm
10	P1	+12V3	YEL/BLU	30	P4-AL00022 or EQUIV.	500±15mm
11	P1	+12V3	YEL/BLU	30	P4-AL00022 or EQUIV.	500±15mm
12	P1	+3.3VDC	ORANGE	30	P4-AL00022 or EQUIV.	500±15mm
13	P1	+5.3VDC	ORANGE	30	P4-AL00022 or EQUIV.	500±15mm
14	P1	+5VDC	RED	30	P4-AL00022 or EQUIV.	500±15mm
15	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
16	P1	PS-ON	GRAY	30	P4-AL00022 or EQUIV.	500±15mm
17	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
18	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
19	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
20	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
21	P1	+5VDC	RED	30	P4-AL00022 or EQUIV.	500±15mm
22	P1	+5VDC	RED	30	P4-AL00022 or EQUIV.	500±15mm
23	P1	+5VDC	RED	30	P4-AL00022 or EQUIV.	500±15mm
24	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
25	P1	+12V1	YELLOW	30	P4-AL00022 or EQUIV.	500±15mm
26	P1	+12V1	YELLOW	30	P4-AL00022 or EQUIV.	500±15mm
27	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
28	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
29	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
30	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
31	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
32	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
33	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
34	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
35	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
36	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
37	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
38	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
39	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
40	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
41	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
42	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
43	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
44	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
45	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
46	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
47	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
48	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
49	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
50	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm
51	P1	COM	BLACK	30	P4-AL00022 or EQUIV.	500±15mm