

96PS-A300W1U-4

ATX Power Supply



Features

- Widely input range from 90 to 264 VAC
- Low ripple & noise
- MTBF:100K hours at 25°C, and well working performance at 50°C
- Support OVP and OCP circuit protection
- Common safety for CB, CE, TUV, UL, FCC, VDE, and CCC

General

Advantech Part Number	96PS-A300W1U-4
Description	FSP AC to DC 90-264V 300W W/PFC Switch Power Supply 1U ATX
Manufacturer	FSP Technology

Output Specifications

Output Power	300W
Output Voltage & Current	+5V @ 10A;+12V1 @ 9A;+12V2 @ 9A;12V @ 0.3A;+5Vsb @ 2.5A;5V @ 0.1A;+3.3V @ 11A
Efficiency (%)	0.8
Main Connector	ATX (20 pin)

Mechanical

Form Factor	1U
Dimension (L x W x H)	190×100×40.5mm
Vibration	0.25g
MTBF	100K
Fan Function	Yes
Power Switch Function	No

Input Specifications

Input Voltage Range	90 - 264V
Input Current	60A @115Vac;120A @230Vac
Input Frequency	47 - 63Hz
PFC Function	W/PFC
Input Current Type	AC to DC

Environmental Specification

Storage Temp.	-20 - 80°C
Storage Humidity	0.95
Operating Temp. (°C)	0 - 50°C

Safety

Safety & EMC	Class B
Max Temp. (°C) @ Load	50C@100%
Safety Standard	UL/ CB / CCC / CE / FCC / TUV / VDE
RoHs	Yes