

# 96PS-A180WFX-2

ATX Power Supply



<http://www.advantech.com/certified-peripherals/>

## 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 OLP circuit protection
- Common safety for CB, CE, TUV, UL, FCC, and CCC

## General

|                       |  |
|-----------------------|--|
| Advantech Part Number | 96PS-A180WFX-2   |
| Description           | FSP AC to DC 90-264V 180W W/PFC Switch Power Supply FLEX ATX |
| Manufacturer          | FSP Technology   |

## Output Specifications

|                          |  |
|--------------------------|--|
| Output Power             | 180W   |
| Output Voltage & Current | +5V @ 16A;+12V @ 14A;12V @ 0.3A;+5Vsb @ 2A;+3.3V @ 14A |
| Efficiency (%)           | 0.72   |
| Main Connector           | ATX (20 pin)   |

## Mechanical

|                       |                 |
|-----------------------|-----------------|
| Form Factor           | FLEX            |
| Dimension (L x W x H) | 150×81.5×40.5mm |
| Vibration             | 0.5g            |
| MTBF                  | 100K            |
| Fan Function          | Yes             |
| Power Switch Function | No              |

## Input Specifications

|                     |                       |
|---------------------|-----------------------|
| Input Voltage Range | 90 - 264V             |
| Input Current       | 4A @115Vac;2A @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 |
| RoHs                  | Yes                           |