



# FlexGURU PRO Series

500W



## Introduction

FSP's FlexGURU PRO Flex ATX model is available in standard direct output cable configurations and complies 80PLUS GOLD certified with 90% energy conversion.

Besides, The FlexGURU PRO series comes with the included 1U bracket which turns the FlexGURU PRO 500W into a 1U IPC power supply. The FlexGURU PRO series is your ideal Flex ATX PSU in multifunctional usage.

## Features



### Main Japanese Electrolytic Capacitors

Reliable power and prolonged lifespan.



### Black Cable

Easy Installation, neat build.



### 62368 Ready

Complies with UL/EN/IEC 62368-1 and 60950 International safety standards.



### Universal fix bracket

Fits two positions helps users easily install an Flex power supply into any chassis.

- Compliant with the latest Flex ATX V1.22
- Efficiency  $\geq$  90% at typical load
- Compliant with UL/EN/IEC 62368-1 and 60950 International safety standards
- Intelligent fan speed control
- Quiet and long-lasting 40mm dual ball bearing fan
- Black round cables for the need of enthusiasts
- Powerful single +12V rail design
- Main Japanese electrolytic capacitors
- Intel latest CPU ready
- Complete protections: OCP, OVP, SCP, OPP, OTP

## Product Overview

Industrial control equipment, industrial computers, surveillance system, POS system, gaming machines, edge computing, and IoT device field markets.

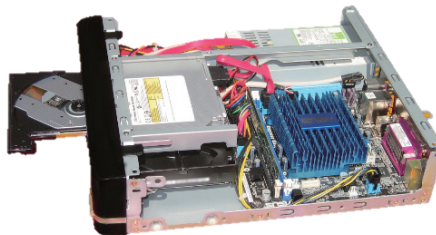
**Industrial PC**



**Edge Computer**



**HTPC**



**NAS & NAS Server**





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## Product Overview

### Excellent thermal performance

Efficient airflow design to prolong the life of the fan (it effectively takes in the cool air, and lets the hot air out)

### Low noise design

- Unique fan noise shielding design
- Smart fan control system
- Durable and quiet 40 mm ball bearing fan



### Multifunctional Design

The FlexGURU series comes with the included 1U bracket which turns the FlexGURU PRO 500W into a 1U IPC power supply.



## Product Overview

### 90% Efficiency Conversion

The efficiency of your power supply is very important since it directly affects your system's performance. The FlexGURU PRO 500W has a guaranteed typical efficiency of 90% and offers a high conversion power to power your system.



### Main Japanese Electrolytic Capacitors

The FlexGURU series utilizes main Japanese Electrolytic Capacitors to offer stable outputs and long-term reliability.



### All Black Round Cables

The all black round cables offers your system a more sophisticated look compared to other entry-level power supplies.





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## Rating

**500W**

<b>AC Input</b>	100-240V~ 8-4A 60-50Hz				
<b>DC Output</b>	+3.3V	+5V	+12V	-12V	+5Vsb
<b>Max Output Current</b>	14A	16A	41A	0.3A	2.5A
<b>Max Combined Power</b>	90W MAX				
<b>Total Power</b>	500W				

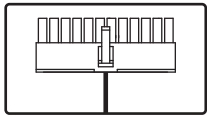
## Specifications



	<b>500W</b>
Model	FSP500-50FDB
Type	FLEX ATX
PFC	Active PFC
Input Voltage	100-240V
Input Current	8-4A
Input Frequency	60-50Hz
Output Capacity	500W
Max. Output Power	500W
Fan Type	Ball Bearing, 40mm
Efficiency	90%
MTBF	100,000 Hrs
Protection	OCP, OVP, SCP, OPP, OTP
Weight	1.003kgs
Dimension(L×W×H)	150 x 40.5 x 81.5 mm

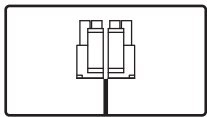
## Connectors

500W



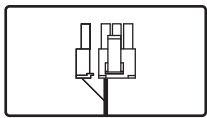
20+4 PIN

1



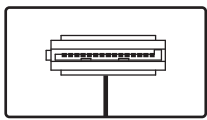
8 PIN / 4+4 PIN

2



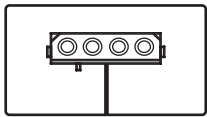
6+2 PIN

2



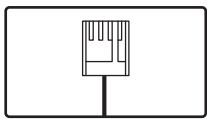
SATA

4



MOLEX

2



FLOPPY

1

## Cable Length

### 500W

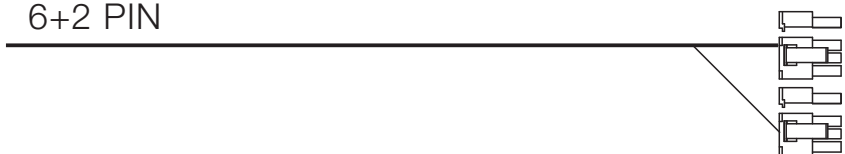
20+4 PIN



8 PIN / 4+4 PIN



6+2 PIN



SATA



MOLEX / FLOPPY







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## Package Information

Model	<b>FSP500-50FDB</b>
EAN Code	471322452292 5
UPC Code	84568501078 0
Shipping Dimensions (L×W×H)	195 x 195 x 75 mm
Shipping Weights	1.26 kgs
Master Pack Dimension (L×W×H)	501 x 432 x 230 mm
Master Pack Quantity	12 retail boxes per master package
Master Pack Weight	15 .15 kgs
Pallet Quantity	30pcs
Country of Origin	China
Warranty	5 Years
Additional Information	<a href="https://www.fsplifestyle.com/en/product/Flexguru500W.html">https://www.fsplifestyle.com/en/product/Flexguru500W.html</a>