FlexGURU PRO Series

FSP

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

JP

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 ≧ 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

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.

Rating

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

Specifications

	500W
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
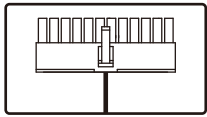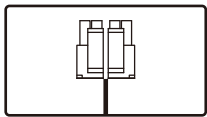
		500W
20+4 PIN		1
8 PIN / 4+4 PIN		2
6+2 PIN		2
SATA		4
MOLEX		2
FLOPPY		1
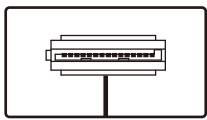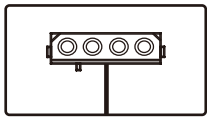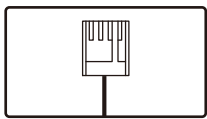
Cable Length

500W
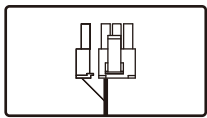
20+4 PIN

8 PIN / 4+4 PIN

6+2 PIN

SATA   x2

MOLEX / FLOPPY

FSP

Package Information

Model	**FSP500-50FDB**
EAN Code	471322452292 5
UPC Code	84568501078 0
Retail Box Dimension (L×W×H)	195 x 195 x 75 mm
Carton Dimension (L×W×H)	501 x 432 x 230 mm
Retail Quantity per Carton	12 retail boxes per master package
Master Pack Weight	15 .15 kg
Pallet Quantity	30pcs
Country of Origin	China
Warranty	5 Years
Additional Information	https://www.fsplifestyle.com/en/product/Flexguru500W.html