



Introduction

FSP's FlexGURU Flex ATX models are available in standard direct output and modular cable configurations, which includes the most updated modular model selections in the market. The modular design improves the ease of installation, users can configure their connector cables according to the system needs. The special plug-in design for cables and jacks improves the convenience of replacement. Fully modular connectors allow users to quickly disassemble cables, pinpoint issues and save debugging time whenever the system experiences problems.

Features



Full Modular

Easy Installation, neat build



Ribbon 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
- 300W : Efficiency \geq 90% at typical load
- 250W : Efficiency \geq 85% at typical load
- Compliant with UL/EN/IEC 62368-1 and 60950 International safety standards
- Intelligent fan speed control
- Quiet and long-lasting 40mm ball bearing fan
- Ribbon cables for the need of enthusiasts
- Powerful single +12V rail design
- Main Japanese electrolytic capacitors
- Intel latest CPU ready
- Complete protections: UVP, 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

工業電腦是專指工業的自動化設備，簡單講就是「特殊用途」的電腦，包括醫療用途、服務業用途(ATM、POS、自動售票機、數位電子看板)、公共事業用途(如捷運售票系統)、影像監控、網路通訊...等，應用非常多樣性，如：研華、研祥、新漢、威強電、微嵌、飛捷、振樺電...

* 資料參考：

<https://zi.media/@yidianzixun/post/jAmnic>



Edge Computer

邊緣運算 (Edge Computing) 越將運算作業移師本地網路執行，能降低資料往返雲端的等待時間，同時邊緣運算系統能夠先處理運算、儲存資料，重要的資料才傳到雲端，進一步縮減資料傳輸量與時間。此外，即使網路不良好，無法連上雲端，邊緣運算系統也可以獨立處理運算。

* 資料參考：

<https://technews.tw/2018/05/16/edge-computing/>

HTPC

家庭劇院個人電腦 (英語：Home Theater Personal Computer，縮寫 HTPC)，家庭劇院電腦，作為視訊或音頻撥放或數位照片瀏覽的電腦。連接到電視去顯示，通常使用遙控器操作，而不是使用鍵盤或滑鼠操作。



NAS & NAS Server

網路附加儲存 (英語：Network Attached Storage，縮寫：NAS)，是一種專門的資料儲存技術的名稱，它可以直接連接在電腦網路上面，對異質網路使用者提供了集中式資料存取服務。如：Synology群暉、QNAP威聯通、ASUSTOR 華芸、WD 威騰、QSAN 廣盛、Thecus 色卡司...

* 資料參考：https://www.synology.com/zh-tw/solution/what_is_nas

Product Overview

Innovative mechanical design

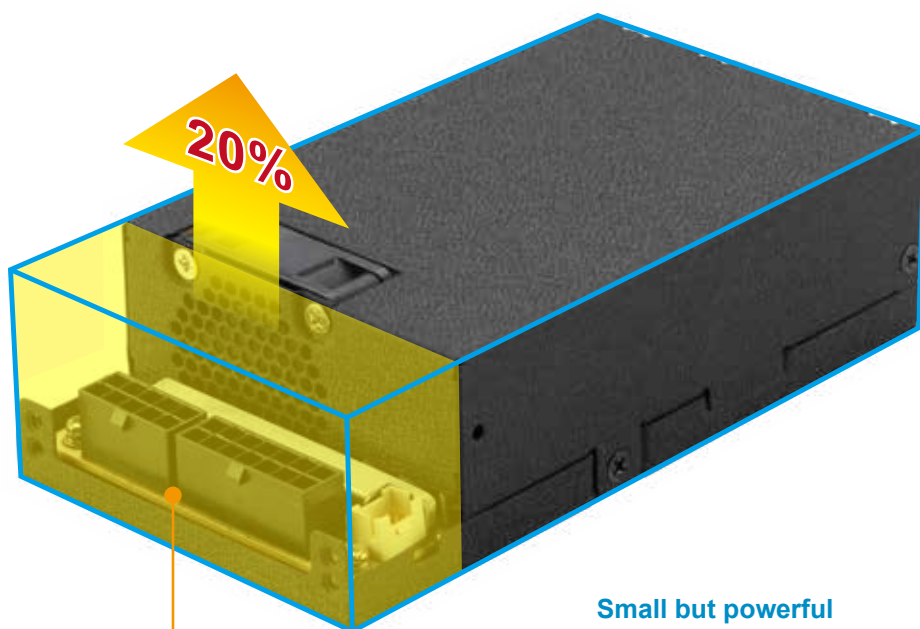
The full modular design with all black ribbon cables increases power supply usability. Users can easily configure their power cables according to the system needs.



Product Overview

Excellent thermal performance

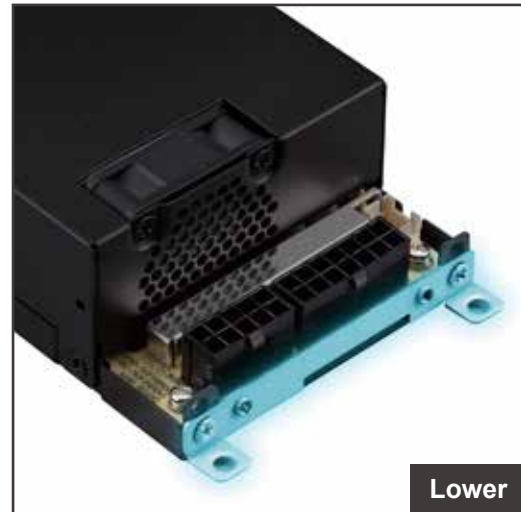
Efficient airflow design to prolong the life of the fan (it effectively takes in the cool air, and lets the hot air out)



Small but powerful

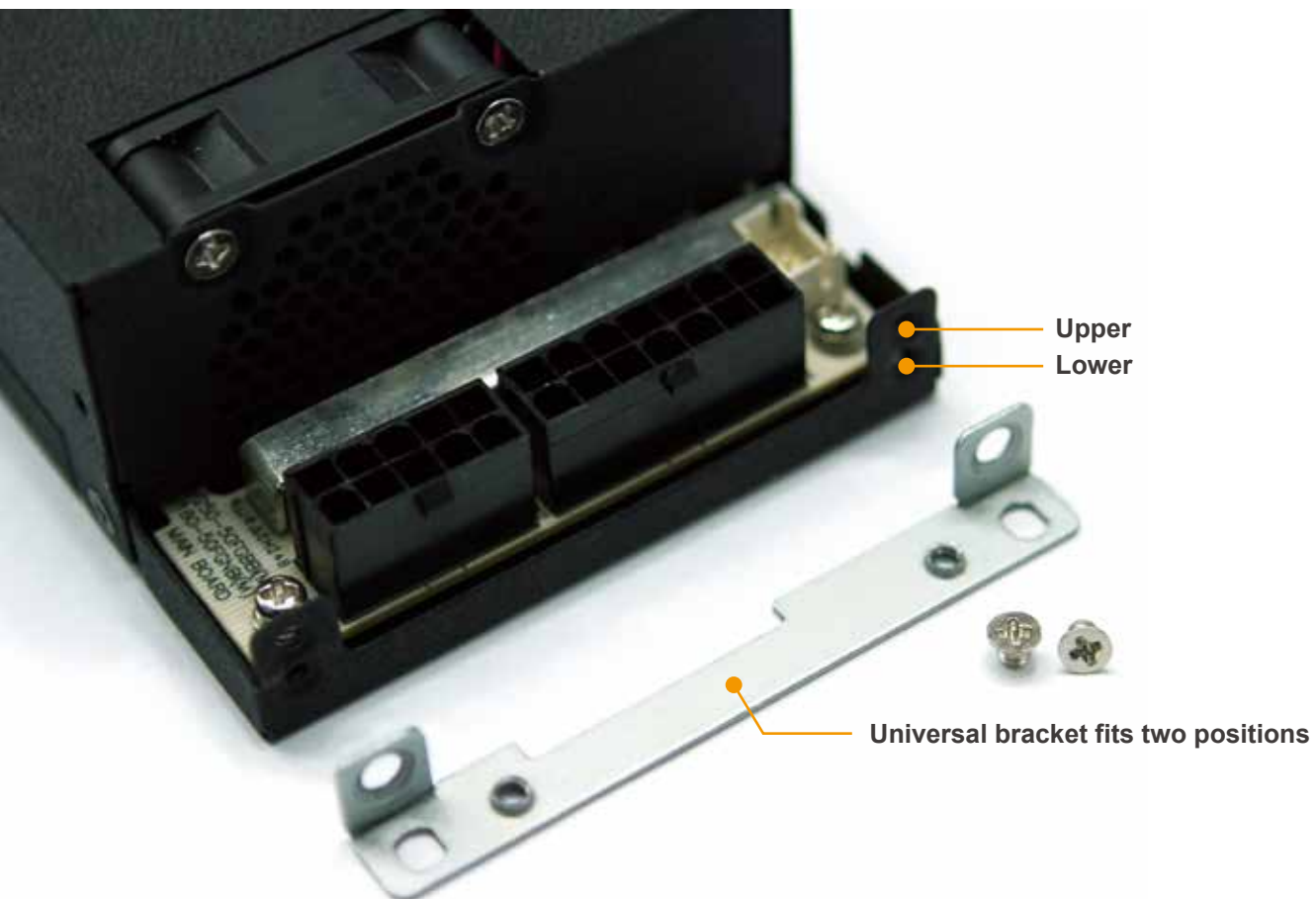
Compared to the general Flex ATX, the FlexGuru series increased its power density by 20%.

Product Overview

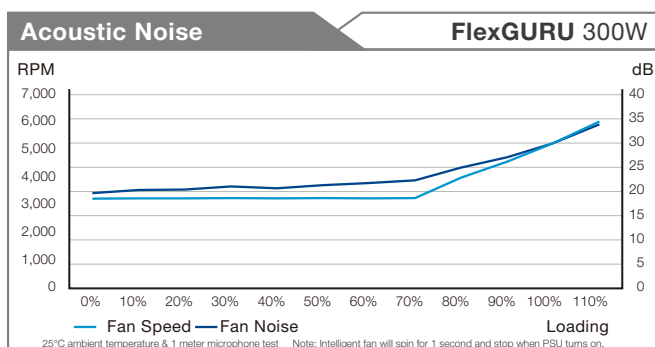
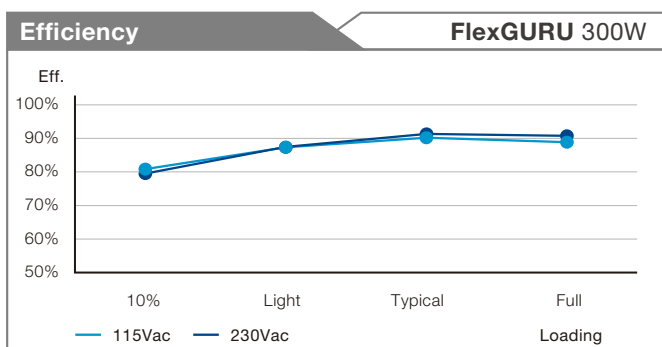
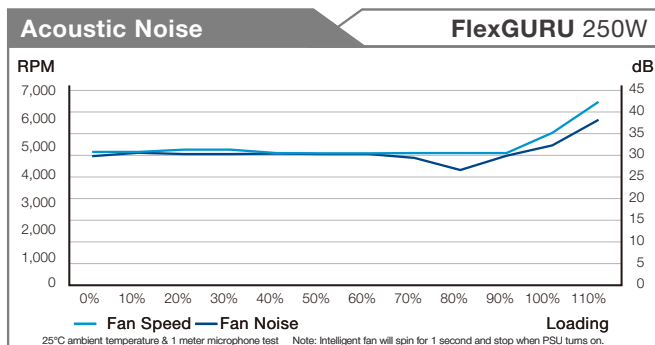
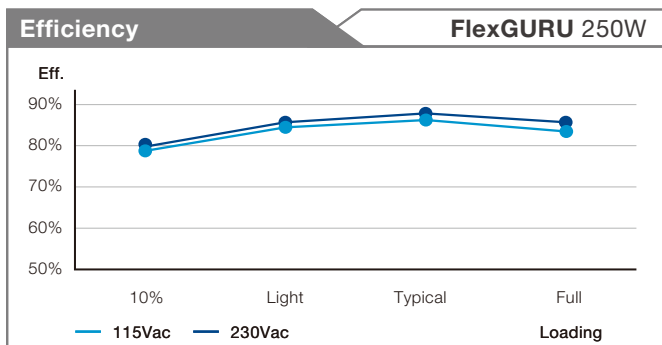


High compatibility

Featured special mounting holes design and auxiliary brackets to ensure the FlexGuru series compatible with 99% of the chassis on the market.



Performance





FlexGURU Series

300W / 250W

Rating

250W

AC Input	100-240V~ 4-2A 60-50Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
Max Output Current	12A	14A	18A	0.3A	2.5A
Max Combined Power	80W MAX				
Total Power	250W				

300W

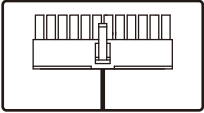
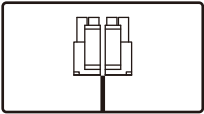
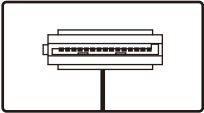
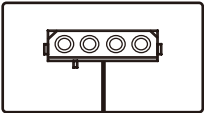
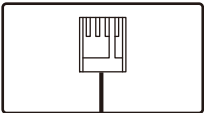
AC Input	100-240V~ 6-3A 60-50Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
Max Output Current	12A	14A	25A	0.3A	3A
Max Combined Power	70W				
Total Power	300W				

Specifications



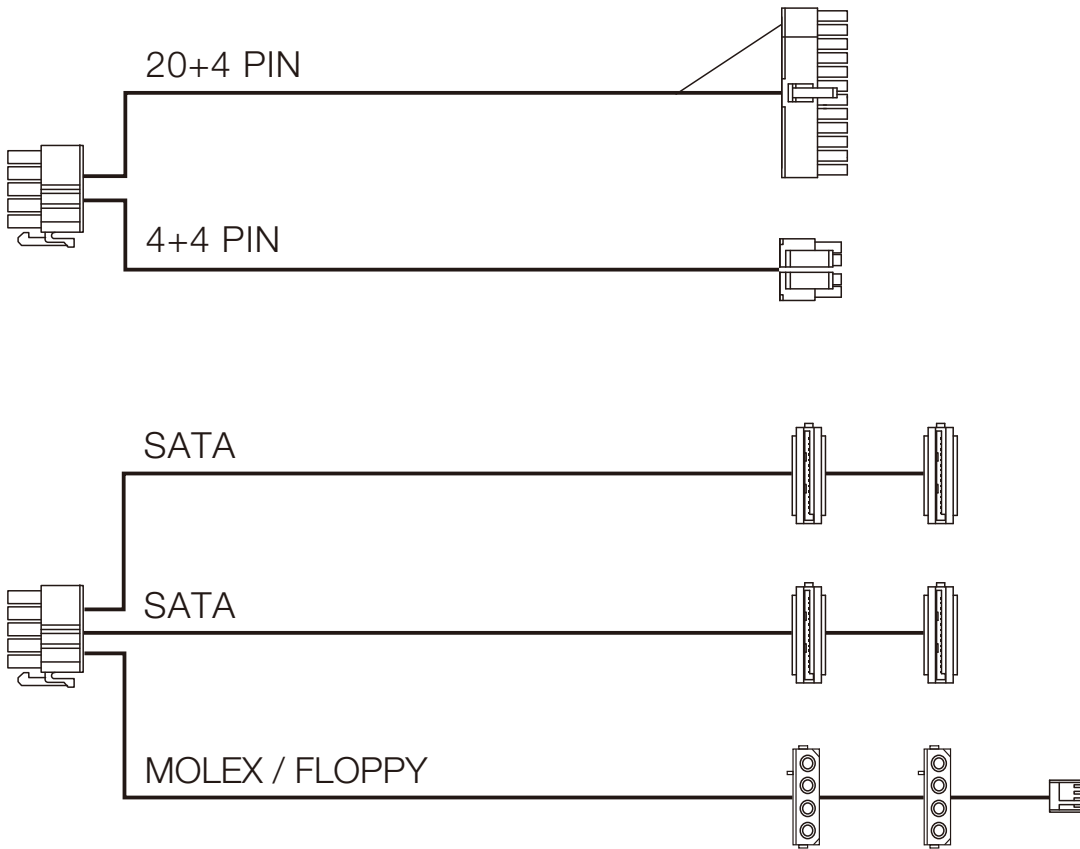
	250W	300W
Model	FSP250-50FGBBI(M)	FSP300-57FCB
Type	FLEX ATX	FLEX ATX
PFC	Active PFC	Active PFC
Input Voltage	100-240V	100-240V
Input Current	4-2A	6-3A
Input Frequency	60-50Hz	60-50Hz
Output Capacity	250W	300W
Max. Output Power	250W	300W
Fan Type	Ball Bearing, 40mm	Ball Bearing, 40mm
Efficiency	85%	90%
MTBF	100,000 Hrs	100,000 Hrs
Protection	UVP, OVP, SCP, OPP, OTP	UVP, OVP, SCP, OPP, OTP
Weight		
Dimension(L×W×H)	150 x 40.5 x 81.5mm	150 x 40.5 x 81.5mm

Connectors

	300W	250W
 20+4 PIN	1	1
 4+4 PIN	1	1
 SATA	4	4
 MOLEX	2	2
 FLOPPY	1	1

Cable Length

300W / 250W





FlexGURU Series

300W / 250W

Package Information

Model	FSP250-50FGBBI(M)	FSP300-57FCB
EAN Code	471322452225 3	471322452252 9
UPC Code	84568501040 7	84568501052 0
Shipping Dimensions (L×W×H)		
Shipping Weights		
Master Pack Dimension (L×W×H)		
Master Pack Quantity		
Master Pack Weight		
Pallet Quantity		
Country of Origin		China
Warranty		5 Years
Additional Information		