



HEXA 85+PRO Series

350W/ 450W/ 550W/ 650W



Introduction

HEXA 85+ PRO series is ATX PSU certified with 80 PLUS® Bronze, featured with DC to DC module and +12V single-rail design, taken with full Japanese capacitors and quiet 120mm silent fan, built-in with complete protections: OCP, OVP, SCP, OPP and approved by global safety regulation includes the latest safety law called 62368. Besides, the all black-cable design saves your system an optimal airflow space and easy to do cable management for a polished look. HEXA 85+ PRO series power range from 350W, 450W, 550W, and 650W to satisfy various needs.

Features



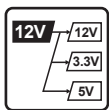
Over 85% High Efficiency

It generates less heat to your PC system and save you more from energy bills.



+12V Single Rail Design

Designed for power-intensive VGA cards, provides strong power to any overloading condition.



DC to DC Module Design

Providing high efficient and stable power.



All Black Round Cables

It gives your system a superior look than ever.

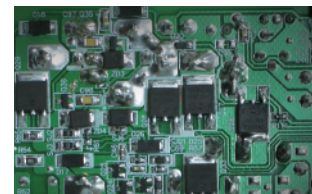
- Complies with ATX12 v2.5 & EPS12 v2.92
- Efficiency $\geq 85\%$ @ typical load
- Active PFC ≥ 0.9
- Hold up time > 17ms @80% load
- Full Japanese electrolytic capacitors
- +12V single-rail design
- +5V & 3.3V DC to DC module design
- 120mm silent and long life fan
- All black round cables
- Complete protection: OCP/OVP/OPP/SCP

Product Overview



DC – DC Module Design

+12V SR circuit, combining both +3.3V and +5V DC-DC modules, offers supreme efficiency, voltage stability and high system compatibility especially in cross regulation (unbalanced load) mode.



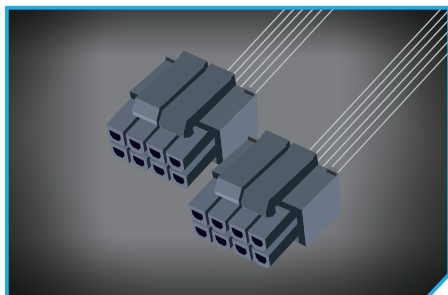
100% Japan-made E-Cap

Japan-made electrolytic capacitors endure over 100°C degree temperature, it ensures safety on spare parts for prolong lifespan and reliability.



+12V Single Rail Design

Designed for power-intensive VGA cards, provides strong power to any overloading condition.



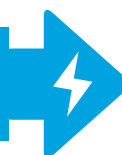
Supports High-end Motherboard

The HEXA 85+ PRO 550W / 650W feature with dual CPU power connectors to support high-end motherboard and provide CPU stable power.

※ For 550W / 650W

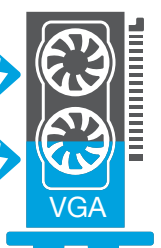
Single +12V rail

Power
100%



Multi.+12V rail

Power
50%





HEXA 85+PRO Series

350W/450W/ 550W/ 650W

Product Overview

All Black Round Cables

It gives your system a superior look than ever.

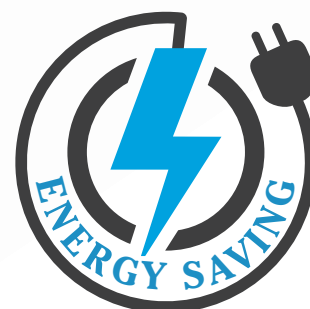


Low noise

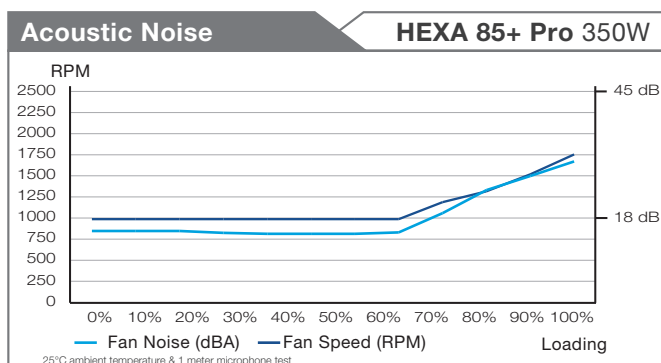
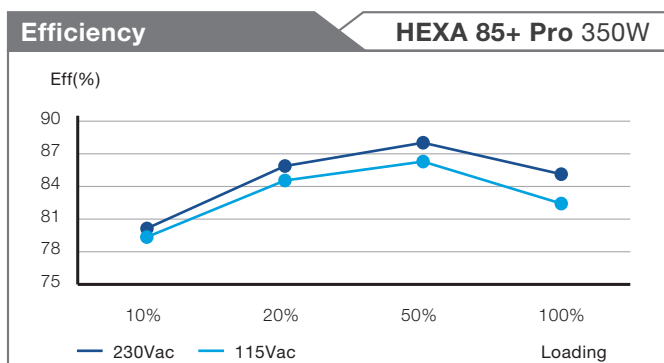
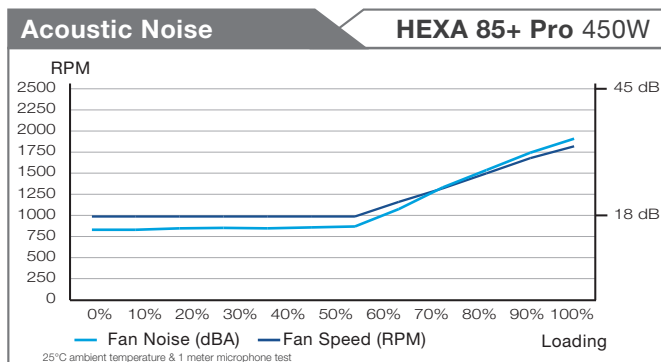
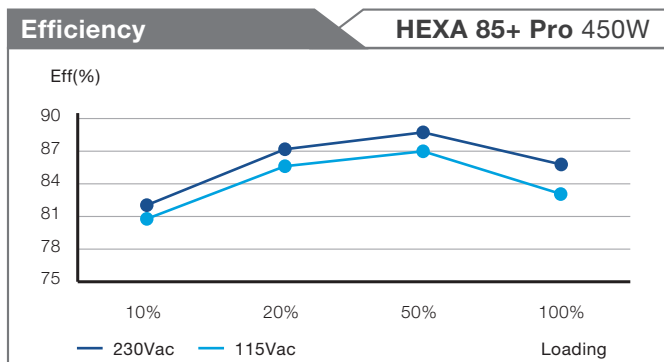
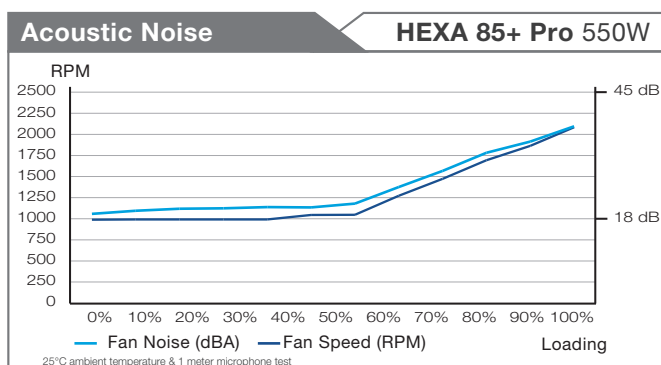
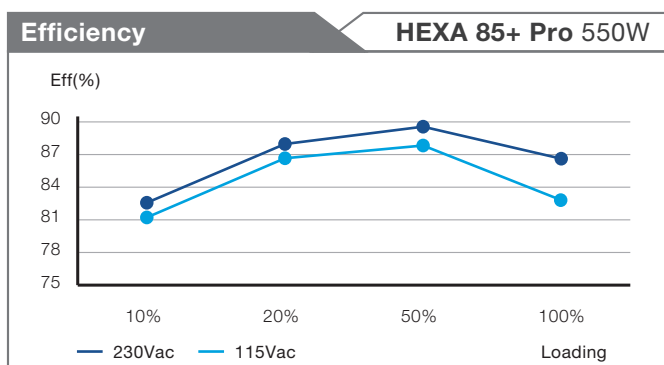
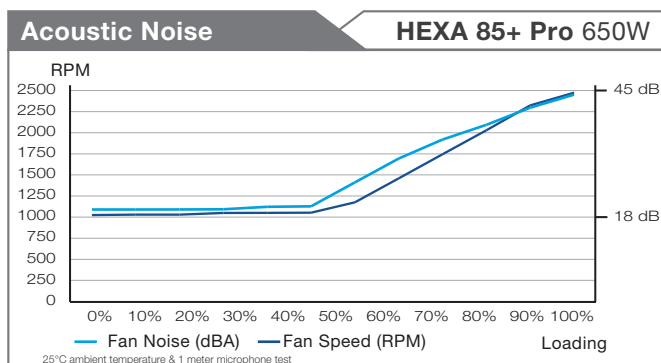
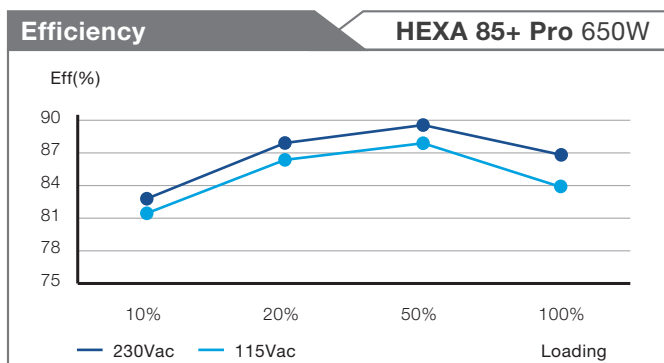
120mm quiet fan and high ventilation-effect fan guard design guarantees it spins quietly and keeps cooling under maximum operation.

Global ErP/EuP Ready

The total AC power consumption of the completed system is less than 0.3W in standby mode.



Performance



Rating

350W

AC Input	100-240V~ 5-2A 50-60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
Max Output Current	16A	16A	29.16A	0.3A	2.5A
Max Combined Power	85W		350W	3.6W	12.5W
Total Power	350W				

450W

AC Input	100-240V~ 6-2.5A 50-60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
Max Output Current	16A	16A	37.5A	0.3A	2.5A
Max Combined Power	85W		450W	3.6W	12.5W
Total Power	450W				

550W

AC Input	100-240V~ 7.5-3A 50-60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
Max Output Current	20A	20A	45.83A	0.3A	2.5A
Max Combined Power	100W		550W	3.6W	12.5W
Total Power	550W				

650W

AC Input	100-240V~ 9-4A 50-60Hz				
DC Output	+3.3V	+5V	+12V	-12V	+5Vsb
Max Output Current	20A	20A	54.16A	0.3A	2.5A
Max Combined Power	100W		650W	3.6W	12.5W
Total Power	650W				

Specifications



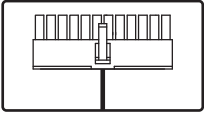
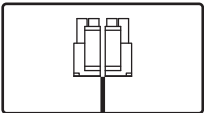
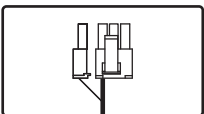
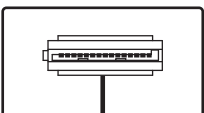
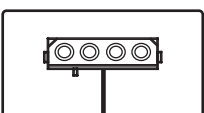
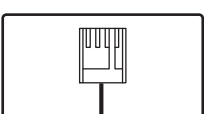
	350W	450W
Model	HA2-350	HA2-450
Type	ATX	ATX
PFC	Active PFC	Active PFC
Input Voltage	100-240Vac	100-240Vac
Input Current	5-2A	6-2.5A
Input Frequency	50-60Hz	50-60Hz
Output Capacity	350W	450W
Max. Output Power	350W	450W
Fan Type	Sleeve Fan, 120mm	Sleeve Fan, 120mm
Efficiency	85%	85%
MTBF	100,000 Hrs	100,000 Hrs
Protection	OCP/OVP/OPP/SCP	OCP/OVP/OPP/SCP
Weight	1251g	1251g
Dimension(L×W×H)	150*140*86mm	150*140*86mm

Specifications



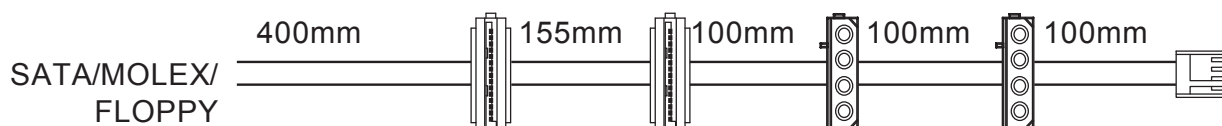
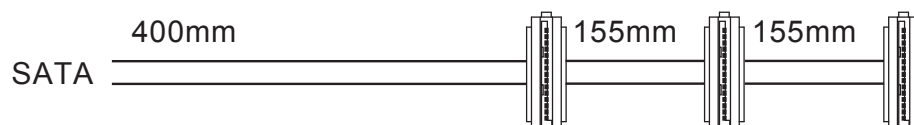
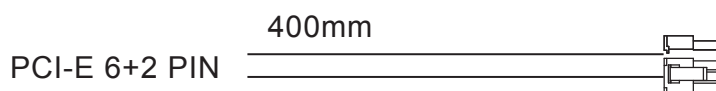
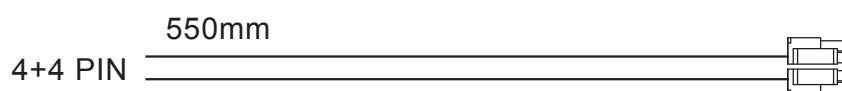
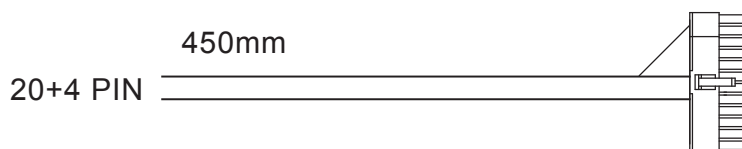
	550W	650W
Model	HA2-550	HA2-650
Type	ATX	ATX
PFC	Active PFC	Active PFC
Input Voltage	100-240Vac	100-240Vac
Input Current	7.5-3A	9-4A
Input Frequency	50-60Hz	50-60Hz
Output Capacity	550W	650W
Max. Output Power	550W	650W
Fan Type	Sleeve Fan, 120mm	Sleeve Fan, 120mm
Efficiency	85%	85%
MTBF	100,000 Hrs	100,000 Hrs
Protection	OCP/OVP/OPP/SCP	OCP/OVP/OPP/SCP
Weight	1328g	1448g
Dimension(L×W×H)	150*140*86mm	150*140*86mm

Connectors

	350W	450W	550W	650W
 <p>20+4 PIN</p>	1	1	1	1
 <p>4+4 PIN</p>	1	1	2	2
 <p>6+2 PIN</p>	1	2	2	2
 <p>SATA</p>	5	5	8	8
 <p>MOLEX</p>	2	2	2	2
 <p>FLOPPY</p>	1	1	1	1

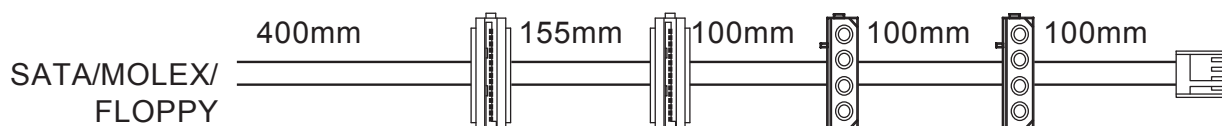
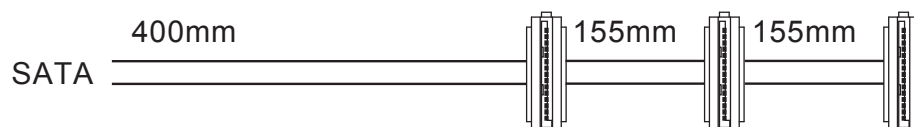
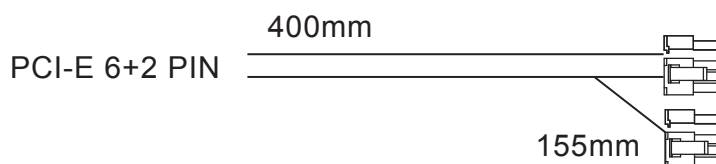
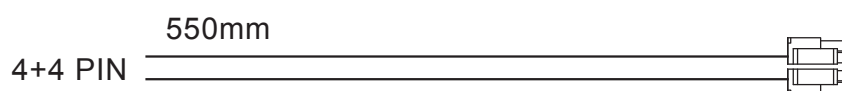
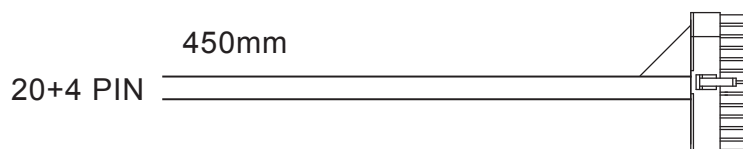
Cable Length

350W



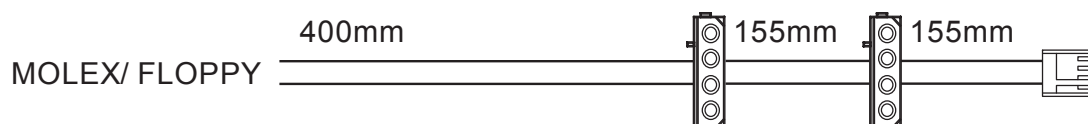
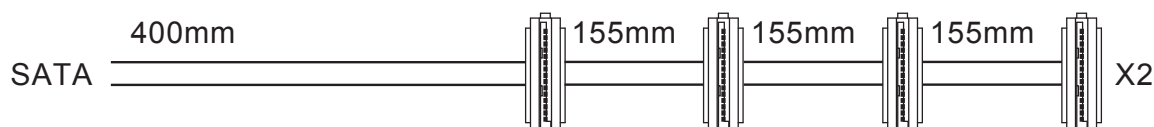
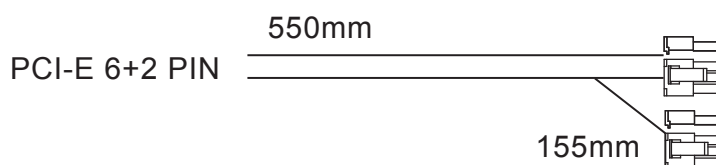
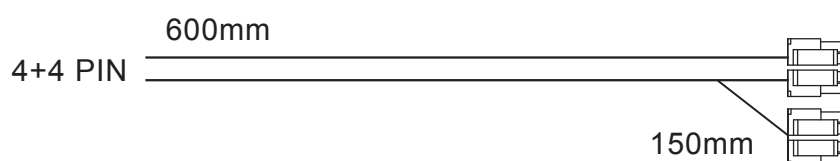
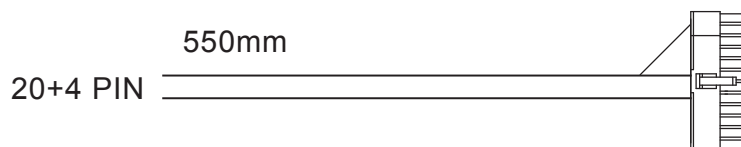
Cable Length

450W



Cable Length

550W/ 650W





HEXA 85+PRO Series

350W/ 450W/ 550W/ 650W

Package Information

Model	HA2-350	HA2-450
EAN Code	471322452269 7	471322452270 3
UPC Code	84568501063 6	84568501064 3
Shipping Dimensions (L×W×H)	mm	
Shipping Weights	kg	
Master Pack Dimension (L×W×H)	mm	
Master Pack Quantity	retail boxes per master package	
Master Pack Weight	kg	
Pallet Quantity	(retail boxes × 16 master boxes)	
Country of Origin	China	
Warranty	5 Years	
Additional Information		

Model	HA2-550	HA2-650
EAN Code	471322452223 9	471322452224 6
UPC Code	84568501036 0	845685010377
Shipping Dimensions (L×W×H)	mm	
Shipping Weights	kg	
Master Pack Dimension (L×W×H)	mm	
Master Pack Quantity	retail boxes per master package	
Master Pack Weight	kg	
Pallet Quantity	(retail boxes × 16 master boxes)	
Country of Origin	China	
Warranty	5 Years	
Additional Information		