



V550
V650
V750

RS550-AFBAG1-XX
RS650-AFBAG1-XX
RS750-AFBAG1-XX

Features

- Unique 3D circuit design offers higher efficiency and improves the heat dissipation
- Cooler Master's exclusive Silencio FP fan technology enhances airflow, reduces vibration and provides the best thermal performance
- Fully modular, flat cable design for better cable management
- 100% Japanese capacitors ensures an extended lifetime and minimizes power fluctuations
- Compact design **6.8W/inch³** fits perfectly with small form factor systems
- 80 PLUS Gold certified: up to 92% efficiency on typical load

Packaging Information

EAN Code	4719512048252 (550W) 4719512048269 (650W) 4719512048276 (750W)
UPC Code	884102027215 (550W) 884102027222 (650W) 884102027239 (750W)
Package Information	290 x 195 x 130 mm / 11.4 x 7.6 x 5.1 inches
Carton Dimensions	675 x 305x 225 mm / 26.5 x 12 x 8.8 inches
Unit / Carton	5 pcs
Carton / Pallet	16 pcs

Warranty

5 years

Specifications

Model Number	RS550-AFBAG1-xx RS650-AFBAG1-xx RS750-AFBAG1-xx
Type	Intel Form Factor ATX 12V V2.31
Dimensions	150 x 140 x 86mm / 5.9 x 5.5 x 3.4 inch
Input Voltage	100-240Vac
Input Range	Full range
Input Frequency Range	47 - 63Hz
PFC	Active PFC (>0.9 typical)
Power Good Signal	100-500ms
Hold Up Time	>16ms
Efficiency	90% @ Typical Load
MTBF	>100,000 Hours
Fan Type	120mm Silencio FP

Quality Certificates CE/FCC/UL/TUV/RCM/BSMI/CCC/EAC

Protection OVP/UVPP/OPP/OTP/OCP/SCP

550W :

20+4 Pin MB x 1
4+4 Pin CPU +12V x 1
6+2 Pin PCI-e x 2
SATA x 6
4Pin Peripheral x 3
4Pin Floppy x 1

650W :

20+4 Pin MB x 1
4+4 Pin CPU +12V x 1
6+2 Pin PCI-e x 2
SATA x 8
4Pin Peripheral x 6
4Pin Floppy x 1

Connectors

750W :

20+4 Pin MB x 1
4+4 Pin CPU +12V x 2
6+2 Pin PCI-e x 4
SATA x 8
4Pin Peripheral x 6
4Pin Floppy x 1



Fully modular design for easy cable management



CM exclusive Silencio FP fan technology



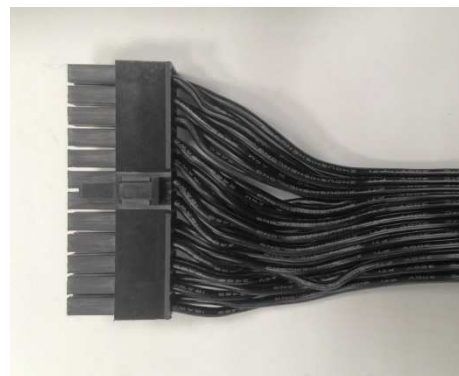
Unique 3D circuit to save power losses and boost efficiency



DC-DC circuit design to enhance voltage stability and transient response



100% Japanese Capacitors



ALL black flat cable for easier cable management



Output Rating

550W:

AC INPUT	100-240V~ 8-4A 60-50Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vsb
	20A	20A	45A	0.3A	2.5A
OUTPUT POWER	100W		540W	3.6W	12.5W
	550W				

650W:

AC INPUT	100-240V~ 9-4.5A 60-50Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vsb
	25A	22A	54A	0.3A	2.5A
OUTPUT POWER	120W		648W	3.6W	12.5W
	650W				

750W:

AC INPUT	100-240V~ 10-5A 60-50Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vsb
	25A	22A	62A	0.3A	2.5A
OUTPUT POWER	120W		744W	3.6W	12.5W
	750W				

Cable info

550W:

MB 20+4 Pin x 1



550mm



CPU 4+4 Pin x 1



600mm



PCI-e 6+2 Pin x 2



500mm 120mm



SATA x 6



450 120 120mm



Peripheral x 3



450 120 120 120mm



Floppy x 1



650W:

MB 20+4 Pin x 1



550mm



CPU 4+4 Pin x 1



600mm



PCI-e 6+2 Pin x 2



500mm 120mm



SATA x 8



450 120 120 120mm



Peripheral x 6



450 120 120 120mm



Floppy x 1



750W:

MB 20+4 Pin x 1



550mm



CPU 4+4 Pin x 2



600mm



PCI-e 6+2 Pin x 4



500mm 120mm



SATA x 8



450 120 120 120mm



Peripheral x 6



450 120 120 120mm



Floppy x 1

