



G450M RS450-AMAAB1
G550M RS550-AMAAB1
G650M RS650-AMAAB1
G750M RS750-AMAAB1

Features

- Unique 3D circuit design offers high efficiency and improves the heat dissipation. It reduces the unnecessary cables which results in much lower crosstalk, signal noise and improves airflow
- Powerful Single +12V rail for superior load balancing and VGA compatibility. All series supports VGA up to Nvidia Titan.
- Modular cable designs for better cable management
- Custom DC-DC module design offers higher efficiency and voltage stability
- Haswell C6/C7 support & zero load operation
- 80 PLUS Bronze certified: up to 88% efficiency @ typical load

Packaging Information

EAN Code	4719512045091 (G450M) 4719512044933 (G550M) 4719512044940 (G650M) 4719512044926 (G750M)
UPC Code	884102024153 (G450M) 884102024030 (G550M) 884102024047 (G650M) 884102024023 (G750M)
Package Information	266(276) x 194 x 112 mm / 10.5(10.9) x 7.6 x 4.4 inches
Carton Dimensions	582 x 279(289)x 218 mm / 22.9 x 11(11.4) x 8.6 inches
Unit / Carton	5 pcs
Carton / Pallet	24 pcs

Warranty

5 years

Specifications

Model Number	RS450-AMAAB1-xx RS550-AMAAB1-xx RS650-AMAAB1-xx RS750-AMAAB1-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	85% @ Typical Load
MTBF	>100,000 Hours
Protection	OVP/UV/OPP/OTP/OCP/SCP
Quality Certificates	CE/FCC/UL/TUV/RCM/EAC/BSMI/CCC

Connectors	450W, 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, 750W : 20+4 Pin MB x 1 4+4 Pin CPU +12V x 1 6+2 Pin PCI-e x 4 SATA x 8 4Pin Peripheral x 6 4Pin Floppy x 1



Modular cable system design for easy cable management



80 plus bronze certified, up to 88% efficiency



Haswell C6/C7 zero load support



Unique 3D circuit design – no unnecessary cables, reduced crosstalk, higher conductivity and efficiency



Custom DC-DC module design for +5V / +3.3V offers higher efficiency and voltage stability



Output Rating

450W:

AC INPUT	100-240V~ 8-4A 60-50Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vsb
	20A	20A	34A	0.3A	2.5A
OUTPUT POWER	100W		408W	3.6W	12.5W
	450W				

550W:

AC INPUT	100-240V~ 8-4A 60-50Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vsb
	20A	20A	42A	0.3A	2.5A
OUTPUT POWER	100W		504W	3.6W	12.5W
	550W				

650W:



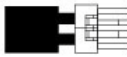




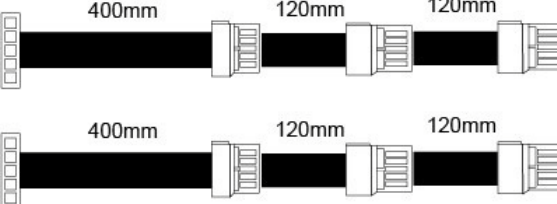


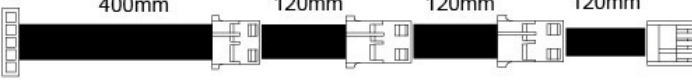
AC INPUT	100-240V~ 10-5A 60-50Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vsb
	22A	22A	52A	0.3A	2.5A
OUTPUT POWER	120W		624W	3.6W	12.5W
	650W				

750W:

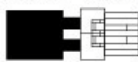



AC INPUT	100-240V~ 12-6A 60-50Hz				
DC OUTPUT	+3.3V	+5V	+12V	-12V	+5Vsb
	22A	22A	62A	0.3A	2.5A
OUTPUT POWER	120W		744W	3.6W	12.5W
	750W				

Cable info












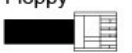

450W:

<p>1 x</p> <p>MB 24 pins</p> 	<p>500mm</p> 
<p>1 x</p> <p>CPU 4+4 pins</p> 	<p>550mm</p> 
<p>2 x</p> <p>PCI-e 6+2 pins</p> 	<p>500mm 120mm</p> 
<p>6 x</p> <p>SATA</p> 	<p>400mm 120mm 120mm</p> 
<p>3 x</p> <p>Peripherals</p>  <p>1 x</p> <p>Floppy</p> 	<p>400mm 120mm 120mm 120mm</p> 

550W:

<p>1 x</p> <p>MB 24 pins</p> 	<p>550mm</p> 
<p>1 x</p> <p>CPU 4+4 pins</p> 	<p>600mm</p> 
<p>2 x</p> <p>PCI-e 6+2 pins</p> 	<p>500mm 120mm</p> 
<p>6 x</p> <p>SATA</p> 	<p>400mm 120mm 120mm</p> 
<p>3 x</p> <p>Peripherals</p>  <p>1 x</p> <p>Floppy</p> 	<p>400mm 120mm 120mm 120mm</p> 

650W, 750W:

<p>1 x</p> <p>MB 24 pins</p> 	<p>550mm</p> 
<p>1 x</p> <p>CPU 4+4 pins</p> 	<p>600mm</p> 
<p>4 x</p> <p>PCI-e 6+2 pins</p> 	<p>500mm 120mm</p>  <p>600mm 120mm</p> 
<p>8 x</p> <p>SATA</p> 	<p>400mm 120mm 120mm 120mm</p>  <p>400mm 120mm 120mm 120mm</p> 
<p>6 x</p> <p>Peripherals</p>  <p>1 x</p> <p>Floppy</p> 	<p>400mm 120mm 120mm</p>  <p>400mm 120mm 120mm 120mm</p> 