



Gamer Storm PN650D power supply unit 650 W 20+4 pin ATX ATX Black

Brand : Gamer Storm

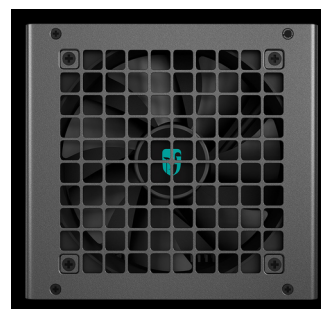
Product code: R-PN650D-FC0B-JGEU-V2

Product name : PN650D

650W, ATX12V V3.1, 120 mm, Active PFC, 80 PLUS Gold, 150 x 140 x 86 mm, Black

Gamer Storm PN650D. Total power: 650 W, AC input voltage: 100 - 240 V, AC input frequency: 50/60 Hz.

Motherboard power connector: 20+4 pin ATX, Motherboard power cable length: 55 cm, SATA power cable length: 120,450 mm. Purpose: PC, Power supply unit (PSU) form factor: ATX, 80 PLUS certification: 80 PLUS Gold. Product colour: Black, Cooling type: Active, Fan diameter: 12 cm. Cables included: AC



Power		Ports & interfaces	
Total power *	650 W	PCI Express connector	✓
AC input voltage *	100 - 240 V	Cabling type	Non-Modular
AC input frequency	50/60 Hz	Performance	
Input current	10.0 - 5.0 A	80 PLUS certification *	80 PLUS Gold
Power Factor Correction (PFC) type	Active	Purpose *	PC
Combined power (+3.3V)	100 W	Power supply unit (PSU) form factor *	ATX
Combined power (+12V)	648 W	ATX version	3.1
Combined power (+5V)	100 W	Bearing technology	Hydro bearing
Combined power (-12V)	3.6 W	Mean time between failures (MTBF)	100000 h
Combined power (+5Vsb)	15 W	Design	
Max output current (+3.3V)	20 A	Product colour	Black
Max output current (+12V)	54 A	Cooling type	Active
Max output current (+5V)	20 A	Fan diameter	12 cm
Max output current (-12V)	0.3 A	Number of fans	1 fan(s)
Max output current (+5Vsb)	3 A	Fan location	Top
Hold time	16 ms	On/off switch	✓
Efficiency	90%	Operational conditions	
Power protection features	No load operation, Over current, Over power, Over voltage, Overheating, Short circuit, Surge and inrush, Under voltage	Operating temperature (T-T)	0 - 40 °C
Ports & interfaces		Packaging content	
Motherboard power connector *	20+4 pin ATX	Cables included	AC
Motherboard power cable length	55 cm	Certificates	
Number of SATA power connectors	6	Waste Electrical and Electronic Equipment (WEEE) compliance	✓
SATA power cable length	120,450 mm	Compliance certificates	CCC, CE, EAC, Federal Communications Commission (FCC), RCM, RoHS, TÜV mark
Number of SATA power cables	2	Certification	P65
Peripheral (Molex) power connectors (4-pin) *	2		

Ports & interfaces		Weight & dimensions	
Peripheral (Molex) power cable length	120 mm	Width	150 mm
PCI Express power connectors (6+2 pin)	2	Depth	140 mm
PCI Express power cable length	55 cm	Height	86 mm
CPU power connector (4+4 pin)	✓	Packaging data	
CPU power cable length	70 cm	Package type	Box
ATX power connector (20+4 pin)	✓	Technical details	
		Sustainability certificates	ErP, Triman
		Logistics data	
		Warranty period	10 year(s)
		Other features	
		Screws included	✓
		Cable ties included	✓



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