

Thermaltake Toughpower GF3 power supply unit



Artikel
Herstellernummer
EAN
Thermaltake

127414
PS-TPD-1000FNFACE-4
4713227534031

Zusammenfassung

Toughpower GF3 1000W Gold - TT Premium Edition

PCIe Gen 5.0 Ready! Designed with a native PCIe 12+4pin modular connector, the Toughpower GF3 series is built for the next-gen PCIe 5.0 graphics cards and is compatible with Intel ATX 3.0 specifications. The fully modular Toughpower GF3 series comes in 1650W, 1350W, 1200W, 1000W, 850W and 750W and is built to deliver 80 PLUS Gold efficiency. Aimed at providing the best performance, the Toughpower GF3 1000W includes all the critical features such as 17 milliseconds, and comes with 100% high quality Japanese capacitors and other premium components to help deliver continuous and stable power.

Fully Compatible With Intel PSDG ATX 3.0 Specifications

Toughpower GF3 series is fully compatible with Intel ATX 3.0 Specifications which supports up to 200% power excursion, reaches 70% low load efficiency and complies with required power supply timing standards. The GF3 series can sustain up to 3x GPU power excursion and 2x total power excursion.

Made to Comply with the Latest Graphics Cards

As the power consumption of graphics cards has increased, so has their demand for power. The GF3 series is designed to support NVIDIA and AMD graphics cards, ready to supply the graphics card according to their different ways of connections.

PCIe Gen 5.0 Ready

Toughpower GF3 1000W Gold comes with a 16pin connector to offer powerful and stable performance allowing the PSU to run next-generation GPUs naturally.

Ultra Quiet Smart Zero Fan

Designed with our Smart Zero Fan, the fan will not spin until the load exceeds 30% of the power supply, minimizing the fan noise.

30mV Low Ripple Noise Design

Top-end build quality with low ripple noise. All ripples are lower than 30mV on +12V, +5V or +3.3V from 0% to 100% load to ensure a stable operation and keep your performance-critical components to function reliably for longer.

Extremely Strict Voltage Regulation $\pm 2\%$

The voltage regulation, more strict than Intel's standard +5%,-7% for major rails and $\pm 10\%$ for -12V, is set to no more than $\pm 2\%$ for major rails, providing steady clean power through exceptional voltage stability.

Fully Modular Low-Profile Flat Cable

Offers cable selection for users while powering the system at an advantageous voltage. Low-profile flat black cable makes cable management easier, reduces clutter and increases airflow inside the chassis.

100% High Quality Japanese 105°C/221°F Capacitors

Providing great durability as well as offering the highest stability, while remaining reliable.

High Amperage Single +12V Rail & High-Class Technologies

Powerful single +12V rail can properly deliver the power you need for the best compatibility. The use of LLC and DC to DC circuit design provides very stable operation and enhanced voltage regulation.

135mm Fluid Dynamic Bearing fan

Featuring a 135mm fluid bearing fan to guarantee superior cooling performance.

80 PLUS Gold Certified and Intel C6/C7 States Ready

Tough power GF3 series saves energy through its high energy efficiency up to 90% and is certified to 80 PLUS® Gold. The series has been optimized to work with all generations of Intel's processors to achieve maximum energy saving.

Thermaltake Toughpower GF3, 1000 W, 100 - 240 V, 50 - 60 Hz, Active, 120 W, 999.6 W

Thermaltake Toughpower GF3. Total power: 1000 W, AC input voltage: 100 - 240 V, AC input frequency: 50 - 60 Hz. Motherboard power connector: 24-pin ATX, Motherboard power cable length: 60 cm, SATA power cable length: 500,650,800,950 mm. Purpose: PC, 80 PLUS certification: 80 PLUS Gold, Bearing technology: FDB. Product colour: Black, Fan diameter: 13.5 cm, Number of fans: 1 fan(s). Certification: CE/UKCA/cTUVus/TÜV/FCC/IC/BSMI/EAC/CB/CCC

Merkmale

		Weight & dimensions	
Certificates		Width	150 mm
Certification	CE/UKCA/cTUVus/TÜV/FCC/IC/BSMI/EAC/CB/CCC	Depth	160 mm
		Height	86 mm
		Weight	1.72 kg
Packaging content		Performance	
Cable tie(s) included	Yes	80 PLUS certification	80 PLUS Gold
		Purpose	PC
		Silent mode	Yes
		Bearing technology	FDB
		Mean time between failures (MTBF)	100000 h
Packaging data		Ports & interfaces	
Package type	Box	Motherboard power connector	24-pin ATX
		Motherboard power cable length	60 cm
		Number of SATA power connectors	12
		SATA power cable length	500,650,800,950 mm
		Peripheral (Molex) power connectors (4-pin)	4
		Peripheral (Molex) power cable length	500,650,800,950 mm
		PCI Express power connectors (6+2 pin)	4
		PCI Express power connectors (16-pin)	1
		PCI Express power cable length	50 cm
		CPU power connector (4+4 pin)	Yes
		Floppy drive power connector	1
		Cabling type	Fully-Modular
Design		Power	
Product colour	Black		
Fan diameter	13.5 cm		
Number of fans	1 fan(s)		
On/off switch	Yes		
Operational conditions			
Operating temperature (T-T)	0 - 40 °C		
Storage temperature (T-T)	-20 - 70 °C		
Operating relative humidity (H-H)	5 - 95%		
Storage relative humidity (H-H)	5 - 95%		

Total power	1000 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power Factor Correction (PFC) type	Active
Combined power (+3.3V)	120 W
Combined power (+12V)	999.6 W
Combined power (+5V)	120 W
Combined power (-12V)	3.6 W
Combined power (+5Vsb)	15 W
Max output current (+3.3V)	22 A
Max output current (+12V)	83.5 A
Max output current (+5V)	22 A
Max output current (-12V)	0.3 A
Max output current (+5Vsb)	3 A
Hold time	17 ms
Power protection features	Over current, Over power, Over voltage, Overheating, Short circuit, Under voltage

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.