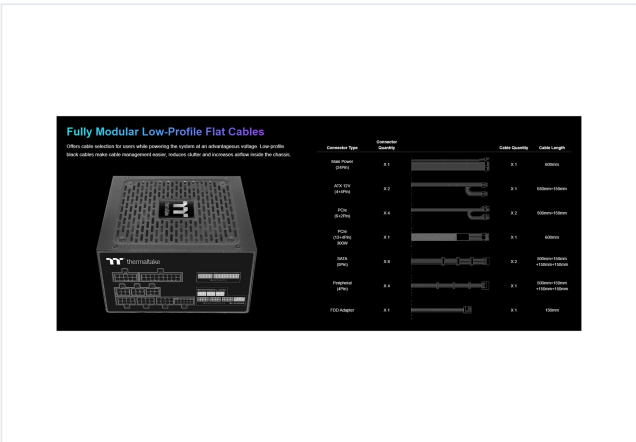
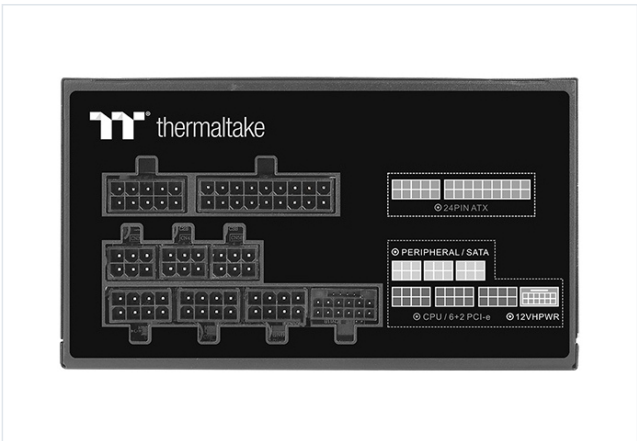


PS-TPD-0750FNFACE-H

Thermaltake ToughPower GF A3 Gold 750W ATX 3.0 PSU - Premium Edition

Product Overview

Thermaltake ToughPower GF A3 Gold 750W ATX 3.0 PSU - Premium Edition, Active PFC, 12cm FDB fan, 80 Plus Gold Certified, 4x PCI-e 6+2 pin, 1x PCI-e 12+4 pin (300W)



Fully Modular Low-Profile Flat Cables
Offer cable solutions for clean and pleasing the system at an ultra-compact design. Low profile black cables make cable management easier, efficient, stable and convenient without the clutter.

Cable Type	Connector	Cable Length
24PIN ATX	24PIN ATX	1.1m
PCI-E 6+2	PCI-E 6+2	1.1m
PCI-E 12+4	PCI-E 12+4	1.1m
PERIPHERAL / SATA	PERIPHERAL / SATA	1.1m
12VHPWR	12VHPWR	1.1m

Specifications

Overview:

TOUGHPower GF A3 Gold 750W - TT Premium Edition

PS-TPD-0750FNAGT-H

Toughpower GF A3 series is 80 PLUS Gold certified and compatible with Intel's ATX 3.0 specifications. Designed with a native PCIe Gen 5.0 connector, it can power up next-gen technology with one new 12VHPWR cable.

The wattage marked on the 12VHPWR's connector is the recommended wattage. (Ref. Intel design guideline)

The native 16 PIN (12VHPWR) PCIe connector of the GF A3 750W can deliver up to 300W for PCIe 5.0 graphics cards.

Features:

Power Up the Next Generation Hardware

To fully support next-gen hardware, Toughpower GF A3 Gold Series (650W/750W/850W/1050W/1200W) is designed to meet ATX 3.0 standards, including a PCIe Gen 5.0 12VHPWR connector. The GF A3 Gold series delivers 80 PLUS Gold efficiency, it also offers stability, durability, and reliability.

Fully Compatible with Intel ATX 3.0 Standards

Toughpower GF A3 Gold series is fully compatible with Intel ATX 3.0 Specifications which supports up to 200% power excursion, reaches 60% low load efficiency and complies with required power supply timing standards.

PCIe Gen 5.0 Ready

Toughpower GF A3 Gold series comes with a 16pin connector to offer powerful and stable performance allowing the PSU to natively run next-generation GPUs.

The wattage marked on the 12VHPWR's connector is the recommended wattage. (Ref. Intel design guideline)

The native 16 PIN (12VHPWR) PCIe connector of the GF A3 1050W can deliver up to 600W for PCIe 5.0 graphics cards.

Note:

1. Recommended wattage is an estimation of system power demand. Actual power demands may vary based on specific components, usage, and many other factors.
2. Please follow the recommended power requirements from the GPU manufactures before using the 12VHPWR cable.

Made to Comply with the Latest Graphics Cards

As the power consumption of graphics cards increase, so has their demand for power. The GF A3 series is designed to support NVIDIA and AMD graphics cards, and are ready to supply the graphics cards according to their different connections.

Be Smart, Stay Quiet

Featuring a 120mm fluid bearing fan to deliver excellent airflow. Furthermore, the Smart Zero Fan will not spin until the load exceeds 30% of the power supply, minimizing undesired noise.

High Quality Japanese Main Electrolytic Capacitor

High quality Japanese main electrolytic capacitor greatly improves the power supplies durability and ensures the Toughpower GF A3 series is stability and reliability.

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.

Built-in Industrial Grade Protection

To protect the hardware, GF A3 is built with industry grade protections: OCP(Over Current Protection), OVP (Over Voltage Protection), UVP(Under Voltage Protection), OPP(Over Power Protection), SCP(Short Circuit Protection), OTP(Over Temperature Protection).

- OCPOver Current Protection
- OVPOver Voltage Protection
- UVPUnder Voltage Protection

ComX Computers

Product Specification Sheet

- OPPOver Power Protection
- SCPSHORT Circuit Protection
- OTPOver Temperature Protection

Fully Modular Low-Profile Flat Cables

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

80 PLUS Gold Certified and Lake C6/C7 States Ready

Toughpower GF A3 Gold series saves energy through its high energy efficiency up to 90% and is certified to 80 PLUS Gold. It has been optimized to work with all generations of Intel's processors to achieve maximum energy saving.

Cybernetics - Efficiency Level Certification - Platinum

Toughpower GF A3 1050W is certified to CYBENETICS PLATINUM in 115V and 230V input in terms of efficiency level. The overall efficiency rating is defined as $\geq 89\%$ to $< 91\%$ of 115V input and 230V input. There are six ETA certifications, covering an efficiency range from 82%. Besides the overall efficiency of a PSU, ETA also takes into account its overall Power Factor readings along with the efficiency of the 5VSB rail and the power that the unit consumes in standby (also called phantom power).

Cybernetics - Noise Level Certification - A- & A

Toughpower GF A3 1050W is certified to CYBENETICS A- in 115V and A in 230V in terms of the noise level. There are seven noise level certifications, covering from dead silent PSUs ($< 15\text{db[A]}$) to quiet noisy ones ($>40\text{db[A]}$). We use a solid methodology and states of the art equipment to measure the noise that a PSU outputs throughout its entire operation range, from almost zero noise output to full load.

Specifications:

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Specifications

Product Code	PS-TPD-0750FNFAGE-H
P/N	PS-TPD-0750FNFAGT-H
WATTS	750W
MODEL	TTP-750AH2FKG
MAX. OUTPUT CAPACITY	750W
COLOR	Black
DIMENSION (W / H / D)	150mm(W)x86mm(H)x140mm(D)
PFC (POWER FACTOR CORRECTION)	Active PFC
POWER GOOD SIGNAL	100-250 msec
HOLD UP TIME	> 17msec
INPUT CURRENT	10A Max.
INPUT FREQUENCY RANGE	50Hz - 60Hz
INPUT VOLTAGE	100 - 240Vac
OPERATING TEMPERATURE	0 degreesC to + 45 degreesC
OPERATING HUMIDITY	5% to 85%, non-condensing

ComX Computers

Product Specification Sheet

STORAGE TEMPERATURE	-40 degreesC to + 70 degreesC
STORAGE HUMIDITY	5% to 95%, non-condensing
COOLING SYSTEM	12cm FDB Fan
EFFICIENCY	Meet 80 PLUS Gold at 115Vac input.
MTBF	100,000 hrs minimum
SAFETY APPROVAL	CE / FCC / UKCA / ICES / LVD / TUV / cTUVus / CB / CCC / BSMI
PCI-E 6+2PIN	4
PCI-E 12+4PIN	1(300W)

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/PS-TPD-0750FNFAGE-H-Thermaltake-ToughPower-GF-A3-Gold-Buy-p-303660.php>

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