

Thermaltake ToughPower GF1 ARGB 850W

TT Premium Edition - power supply (internal) - ATX12V - 80 PLUS Gold - 850 Watt - active PFC

Group	Power Supply
Manufacturer	Thermaltake
Manufacturer item no.	PS-TPD-0850F3FAGE-1
EAN/UPC	4713227521314



Description

ToughPower GF1 ARGB is crafted by using advanced technology and materials to become the fusion of aesthetics and performance. The meticulously designed ARGB side panels enable the light to glow through. The series supports synchronization with compatible motherboards.

Main features

Product Description	Thermaltake ToughPower GF1 ARGB 850W - TT Premium Edition - power supply - 850 Watt
Device Type	Power supply - active Power Factor Correction (PFC) - internal
Specification Compliance	ATX12V
80 PLUS Certification	80 PLUS Gold
Output Voltage	+3.3, +5, ±12 V
Power Capacity	850 Watt
Output connectors	1 x 4 PIN mini-power connector 1 x power 24 pin ATX with detachable 4 pin section 2 x power 8 pin +12V with detachable 4 pin section 12 x 15 pin Serial ATA power 6 x 8 pin PCI Express power with detachable 2 pin section 4 x 4 PIN internal power
Modular Cable Management	Yes
Dimensions (WxDxH)	15 cm x 16 cm x 8.6 cm

Extended details

	General
Device Type	Power supply - active Power Factor Correction (PFC) - internal
Specification Compliance	ATX12V
PSU Form Factor	ATX
	Power Device
Input Voltage Range	AC 100 - 240 V
Frequency Required	50 - 60 Hz
Power Output Connectors Details	1 x 4 PIN mini-power connector 1 x power 24 pin ATX with detachable 4 pin section 2 x power 8 pin +12V with detachable 4 pin section 12 x 15 pin Serial ATA power 6 x 8 pin PCI Express power with detachable 2 pin section 4 x 4 PIN internal power
Output Voltage	+3.3, +5, ±12 V
Power Capacity	850 Watt

Output Current	+3.3V - 22 A +5V - 22 A +12V - 70.9 A -12V - 0.3 A +5VSB - 3 A
Efficiency	90%
Modular Cable Management	Yes
80 PLUS Certification	80 PLUS Gold
	Miscellaneous
MTBF	120,000 hours
Features	Overheat protection, over current protection, over voltage protection, overpower protection, short-circuit protection, single 12V rail, fully modular, Smart Zero Fan, 16.8 million colours RGB fan, undervoltage correction, ASUS Aura Sync, MSI Mystic Light sync, ASRock Polychrome sync, GIGABYTE RGB Fusion 2.0 sync
Compliant Standards	TUV, BSMI, CCC, FCC, S Mark, cTUVus, EAC
	Manufacturer Warranty
Service & Support	Limited warranty - 10 years
	Environmental Parameters
Min Operating Temperature	0 °C
Max Operating Temperature	50 °C
Humidity Range Operating	5 - 95% (non-condensing)
	Dimensions & Weight
Width	15 cm
Depth	16 cm
Height	8.6 cm
	Dimensions & Weight (Shipping)
Shipping Width	32.5 cm
Shipping Depth	23 cm
Shipping Height	16 cm
Shipping Weight	3.1 kg

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