

Unbeatable Performance



Wentai Titanium PC Power

With the highest wattage 1616W in the market, the Aidan-T1616 not only achieves the highest efficiency of 94.93% (115VAC) under typical loads, but also has the highest average efficiency performance of 94.19%. The Wentai Aidan series Titanium PC Power with the best stability, reliability and overclocking capability is the perfect choice for professional and high performance gaming systems.

Titanium Efficiency

80 PLUS Titanium certified;
Industry's highest power efficiency up to 94%

Quiet

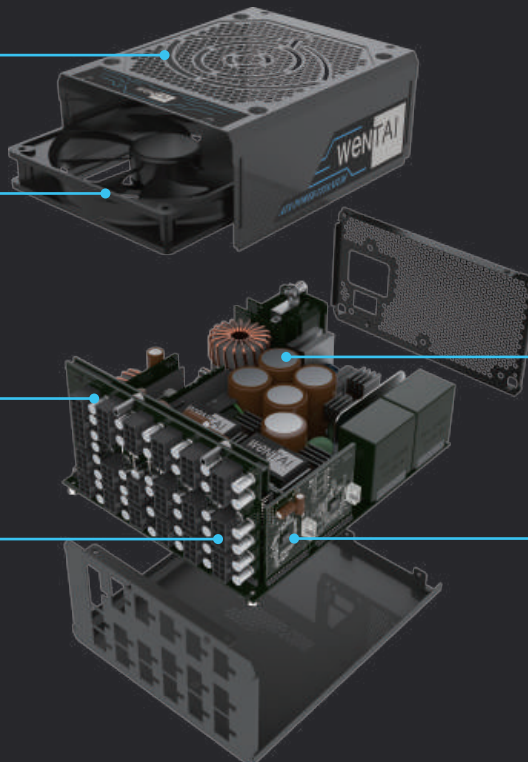
Low noise fan system

Protections

OVP \ OPP \ UVP \ OTP \ SCP \ OCP

Fully Modular

Good cable management;
Improve airflow to lower temperature



Green

RoHS lead-free materials,
comply with EuP and
Energy Star Standard

Safety

Meet cTÜVus, TÜV , CB , CE, CCC,
FCC, BSMI compliance

Ultra Stable

Apply 100% Japanese capacitor;
the most reliability
& higher efficiency

Real Digital

Digital PFC/ Digital LLC;
AI Power Control

Specifications

Model	Aidan-T1616	
Power	1616W*1	
80 PLUS Efficiency	90-94%	
	90% at 10% load	
	92% at 20% load	
	94% at 50% load	
	90% at 100% load	
Intel Power Design Guide	EPS Ver.2.92	
CPU Platform Support	Compatible with the latest Intel & AMD Chipsets	
Input Voltage	100-250V	
PFC	Active PFC	
Appearance	Compact design with efficient convection heat dissipation	
Fan Type	140mm silencio double ball bearing fan	
Dimensions	L 180mm x W 150mm x H 86mm	
Circuit Protection	OVP, OCP, OPP, SCP, UVP, OTP	
Safety	cTÜVus, TÜv, CB, CE, CCC, FCC, BSMI	
Operation Temperature	0-40°C	
Warranty	10 years warranty*2	
Connectors (Detachable Cables)	MB 20+4Pin	1 cable
	CPU 4+4Pin	2 cables
	PCI-E 6+2Pin	8 cables
	4 SATA	4 cables
	3 Molex (4Pin)	2 cables
	Molex to FDD Adapter	1 cable

* 1. The new line up of Wentai power supply comes with a wide range of power options starting with 777W all the way up to 1616W. The 80 PLUS Titanium series include: Aidan-T777, Aidan-T888, Aidan-T1111, Aidan-T1288, Aidan-T1388, and Aidan-T1616.

* 2. Several warranty solutions are available for our customers to choose from.

Output Rating

Model	Aidan-T1616							
AC Input	115 - 250 Vac, 16 -10A, 50 -60Hz							
Output Rail	V1	V2	V3	V4	V5	V6	V7	V8
DC Output	+12V1	+12V2	+12V3	+12V4	+5V	+3.3V	-1.2V	+5VSB
	(MBPH+SATA +MOLEX)	(CPU+VGA)	(VGA)	(VGA)				
Max Output Current	33.66A	33.66A	33.66A	33.66A	20.0A	20.0A	0.3A	3.0A
Max Combined Power	1616W				100W		3.6W	15W
Total Power	1616W							



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