

# 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

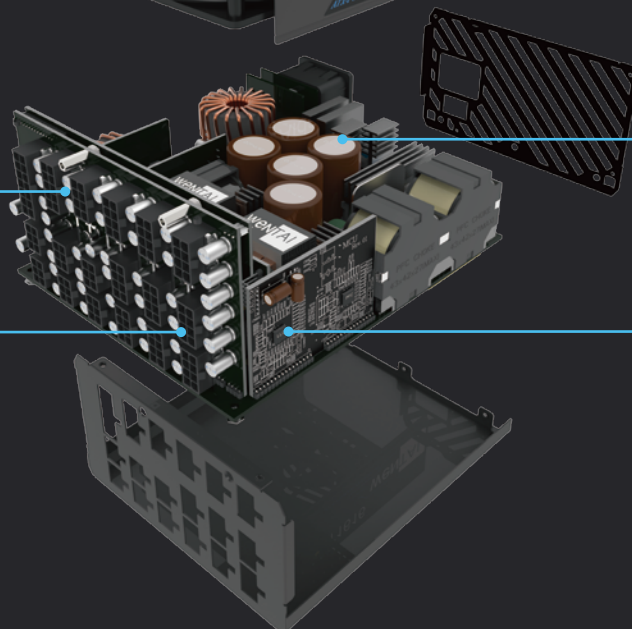
Low noise fan system

### Protections

OVP、OPP、UVP、OTP、SCP、OCP  
(12V advance 4-channel design)

### 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	
Apperance	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	0-50°C	
Warranty	5 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	1616 W				100 W		3.6 W	15 W
Total Power	1616 W							



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