ROG-THOR-1600T3-GAMING (ROG Thor 1600W Titanium III)

- Ultimate Power. Unmatched Stability

ASUS Features

Magnetic OLED Display

This detachable magnetic OLED display showcases real-time power draw, providing insights to your system's performance and efficiency. The magnetic attachment can be swapped to either side of the unit, depending on the design of your case, so you can maintain optimal airflow without compromising monitoring.





GaN MOSFET

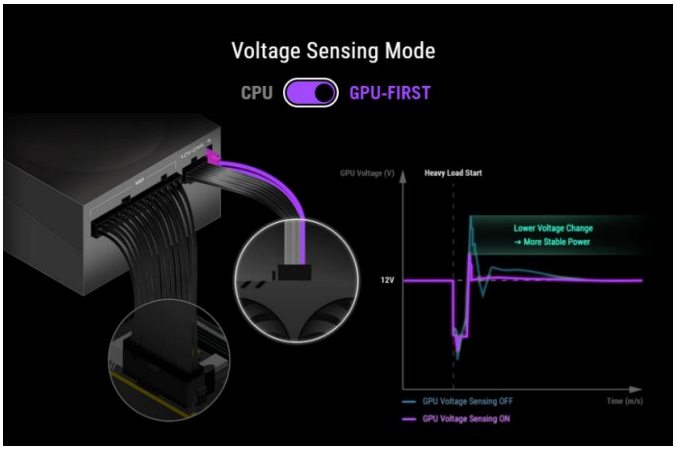
The ROG Thor 1600W Titanium III PSU boasts innovative GaN MOSFET that delivers up to 30% more power efficiency than standard MOSFETs. Plus, the smaller size of a GaN MOSFET allows for a more organized internal layout. This optimized design provides space for larger heatsinks and enhanced airflow, improving heat dissipation.



"GPU-First" Voltage Sensing

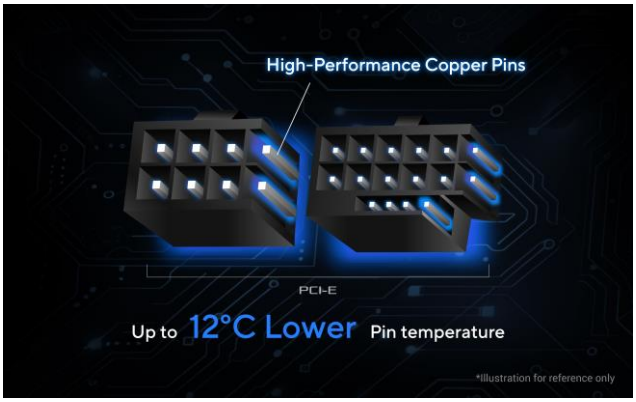
with patented intelligent voltage stabilizer (IVS)

Activate the "GPU-First" voltage sensing by connecting the IVS cable. This innovative feature enhances voltage stability by up to 45%, even during demanding gaming sessions and overclocking scenarios. If you prefer conventional CPU-focused voltage sensing, simply disconnect the IVS cable. With this advanced technology, you can experience smooth and consistent gaming.



High-performance Copper Pins

Upgraded PCIe® connectors feature superior thermal conductivity to help ensure cooler operation and improved power delivery efficiency. This translates to a significant 29% reduction in connector temperatures (up to 12.3°C), promoting optimal performance and stability for even the most demanding graphics cards.



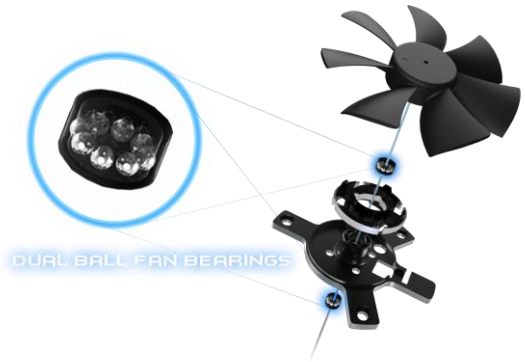
ROG Heatsinks

ROG heatsinks facilitate lower temperatures, longer component lifespan and extended 0dB operation.



Dual-Ball-Fan Bearings

Dual-ball bearings boast a remarkable lifespan of up to 80,000 hours, twice as long as sleeve bearings and exceeding even fluid dynamic bearings. This helps to ensure long-lasting and reliable cooling with minimal noise for the ROG Thor 1600W Titanium III.



ATX 3.1 Compatible

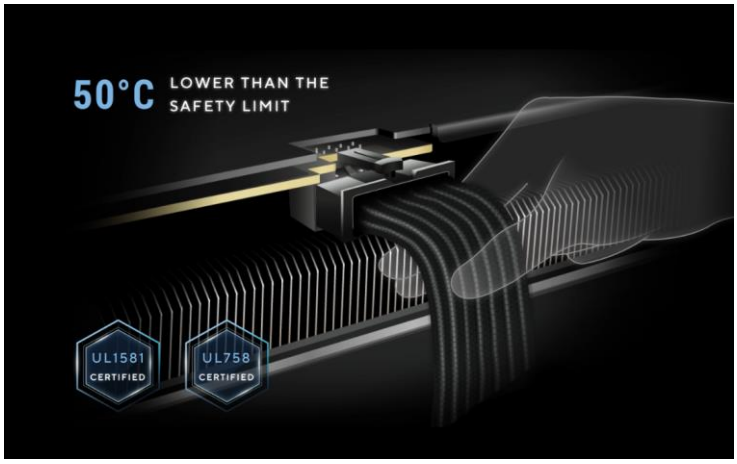
ATX 3.1 ushers in tighter voltage and current regulation standard for next-gen hardware – and the ROG Thor 1600W Titanium III arrives ahead of the curve with full compliance. A 16-pin PCIe cable capable of sending up to 600 watts of power to PCIe 5.0 graphics cards is bundled with this PSU, readying your build for the next gen.

Please see the FAQ section for specific instructions on the proper usage of this advanced 16-pin cable. [Graphics Card & PSU] How to plug in the 16-pin power cable properly



Etched Modular Cables

Made from a pliable premium material, these etched cables are easily flexible during installation, and they operate at temperatures 50°C lower than the safety limit when routed for cable management. These cables also meet the rigorous standards of the UL1581 flame test and UL758 certification, helping to ensure a smooth PC DIY experience and exceptional safety.



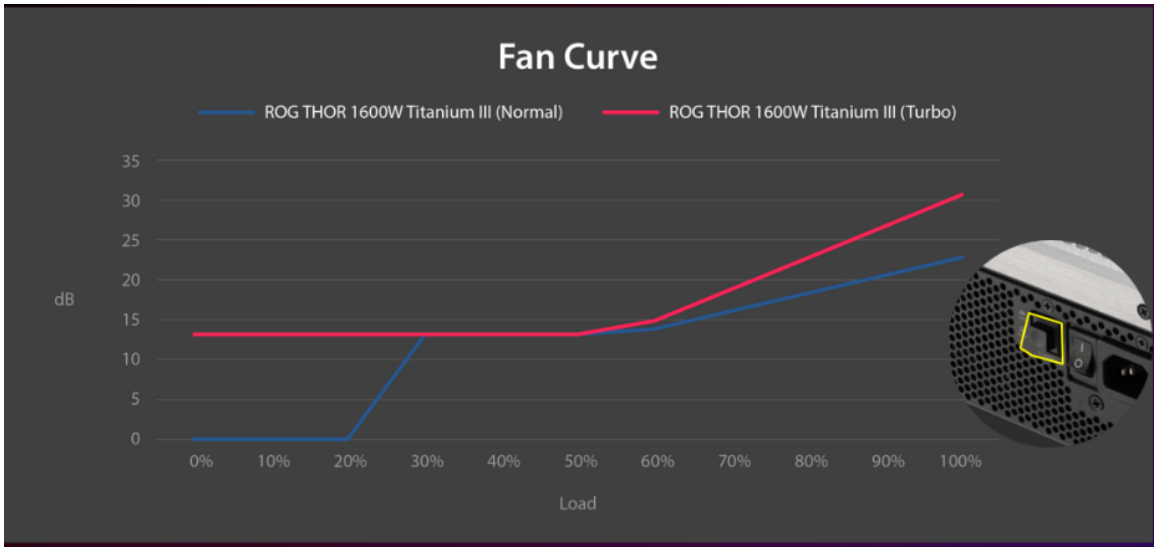
DIY-friendly CPU Power Connector

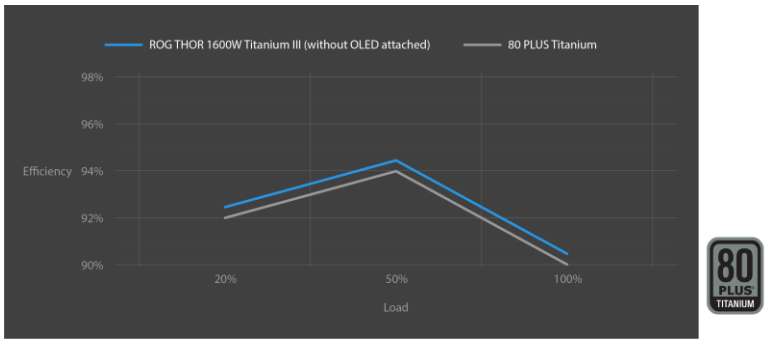
Engineered with a distinct clip between the 4+4 pin connectors and a unique color scheme, this CPU power cable simplifies cable identification during installation. The integrated clip helps to ensure a secure and effortless connection to the motherboard's CPU power connector, streamlining the build process and instilling confidence in your PC setup.



Turbo Mode

Turbo Mode unlocks increased power draw for demanding tasks, thanks to a fine-tuned fan curve and premium components. Enjoy unwavering performance when you need it most, and switch between peak performance and ultimate silence with just a press of the Turbo Mode button.





80 Plus Titanium Certification

The ROG Thor 1600W Titanium III utilizes low-ESR Japanese capacitors to ensure efficient operation. These upgrades enable 80 PLUS Titanium certification, which guarantees 90% efficiency at 100% load and 94% efficiency at 50% load. The increased efficiency results in less heat, reduced fan noise, and increased reliability.



Aura Sync

The ROG Thor 1600W Titanium III has addressable Aura RGB LEDs built in, ready to accent your rig with an array of colors and lighting effects.

* If the connector cable is not used, the default color effect is a rainbow cycle.

** To enjoy Aura Sync, users will need an Aura Sync-compatible ASUS or ROG motherboard. Similarly, the Smart Mode lighting effect, which reflects GPU temperature, requires use of a compatible ASUS or ROG graphics card.



■ Lambda A+ Certification

On average, ROG Thor 1600W Titanium III PSU emits less than 20 dB of noise – earning a coveted Cybenetics Lambda A+ certification.



■ 10-year Warranty

We're so confident about the reliability of the ROG Thor 1600W Titanium III that we back it with a 10-year warranty*.

*Core product operation is guaranteed for 10 years. The RGB LEDs are subject to a 3-year warranty.

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Hardware Specification

Model name	ROG-THOR-1600T3-GAMING				
Intel Specification	ATX 12V				
Efficiency	80 Plus Titanium				
Protection Features	OPP/OVP/UVP/SCP/OCP/OTP				
Hazardous Materials	ROHS				
AC Input Range	(1) 115-240Vac (2) 100-115Vac				
Thermal Features	ROG Thermal Solution				
DC Output Voltage	+3.3V	+5V	+12V	-12V	+5Vsb
Maximum Load	30A	25A	133.3A	0.3A	3A
Combined Load	125W		1600W	3.6W	15W
Total Output	(1) Max. 1600W (2) Max. 1300W				
Connectors	MB 24/20-pin x 1 CPU 4+4-pin x 2	PCI-E 16-pin x 2 PCI-E 6+2-pin x 4	SATA x 10 Peripheral x 9		
Package Contents (Cable + Accessory)	Power Cord x 1 Motherboard Power Cable x 1 (610mm) CPU Cable x 2 (1000mm) PCI-E Gen 5 16-pin Cable x 2 (750mm) PCI-E Cable 1-to-1 x 4 (750mm) SATA Cable 1-to-4 x 1 (400+120+120+120mm) SATA Cable 1-to-3 x 2 (400+120+120mm)		Peripheral 1-to-3 x 3 (400+150+150mm) Addressable RGB Cable x 1 (800mm) ROG sticker x 1 ROG cable tie x 6 Chassis Screws Package x 1 Cable Tie x 12 User Manual x 1		
Dimension					
PSU Size (mm)	200 x 150 x 86 mm				
Color Box (mm)	399 x 251 x 159 mm				
Weight					
Single PSU (KG)	2.80KG				
Product Weight (KG) (with packing)	6.30KG				

Note: All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets. If you do not use the latest and current specifications of ASUS products, you shall be liable for all loss and damage claimed by third party to ASUS based on false advertising or any other issues caused from using false specifications of ASUS products.

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Product Gallery











