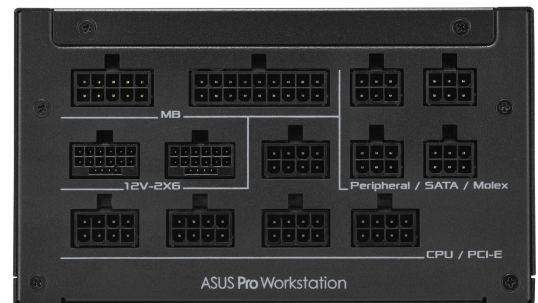


ASUS PRO-WS-1600P

Asus Pro WS 1600W Platinum Fully Modular 80 Plus Platinum ATX PSU

Product Overview

Asus Pro WS 1600W Platinum Fully Modular 80 Plus Platinum ATX PSU, ATX12V Intel Form Factor, Active PFC, ATX 3.1 Standard, 80Plus Platinum efficiency, 3000W total Output, 1x MB 24 / 20 pin, 2x CPU 4+4 pin, 4x PCI-e 5.1 16 pin, 4x PCI-e 6+2 pin, 9x SATA, 3x Peripheral



Specifications

Overview Summary:

Buy the ASUS Pro WS 1600W Platinum power supply for demanding professional workstations, AI systems and high-performance PC builds. With 1600W output, 80 PLUS Platinum efficiency, ATX 3.1 compatibility and fully modular cabling, it delivers stable, efficient power for advanced hardware and multi-GPU configurations.

Designed for users who need dependable power delivery for intensive computing workloads, this PSU supports modern PCIe 5.1 graphics hardware and includes extensive CPU, PCIe, SATA and peripheral connectivity. Shop now and upgrade your professional PC with a heavy-duty power solution built for demanding systems.

Performance tier:Enthusiast / Professional

Uses:AI workstations, deep learning systems, professional workstations, dual GPU builds, high-performance PCs, content creation, intensive computing

Overview:

ASUS Pro WS 1600W Platinum PSU - High-Power ATX 3.1 Power Supply

The ASUS Pro WS 1600W Platinum PSU is built for professional workstations, AI systems, deep learning platforms and high-performance PCs that require dependable, high-capacity power delivery. With 1600W of rated output, 80 PLUS Platinum efficiency, ATX 3.1 compatibility and native PCIe 5.1 power connections, it is designed to handle demanding modern hardware configurations. Advanced cooling, stable voltage regulation and premium internal components help provide reliable operation when running powerful graphics cards and other high-performance components.

Description:

The ASUS Pro WS 1600W Platinum is a fully modular workstation power supply designed for demanding computing environments. Its heavy-duty power delivery can support configurations with up to two NVIDIA GeForce RTX 5090 graphics cards, making it well suited to AI workloads, deep learning, content creation, professional applications and advanced IT systems.

The PSU combines ATX 3.1 compatibility with native 12V-2x6 PCIe 5.1 connectors, helping provide the modern power delivery required by the latest generation of graphics cards. Its 80 PLUS Platinum efficiency, premium components and strong voltage stability also help reduce wasted power while maintaining dependable performance under demanding loads.

Features:

ASUS Pro WS 1600W Platinum Power Delivery

With substantial power capacity and advanced electrical design, this ASUS workstation PSU is intended for systems where consistent power delivery is essential. It is engineered to provide the high wattage required by demanding multi-GPU configurations and professional workloads.

Key power and connectivity details include:

- 1600W-class ASUS Pro WS Platinum power supply
- ATX 3.1 compatible design
- 80 PLUS Platinum efficiency
- Active PFC
- 1x motherboard 24/20-pin connector

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Product Specification Sheet

- 2x CPU 4+4-pin connectors
- 4x PCIe 5.1 16-pin connectors
- 4x PCIe 6+2-pin connectors
- 9x SATA power connectors
- 3x peripheral connectors
- Fully modular cabling
- Supports up to two GeForce RTX 5090 graphics cards

Built for AI and Professional Workstations

High-performance AI and deep learning systems can place substantial demands on a power supply, particularly when multiple high-end GPUs are installed. The ASUS Pro WS 1600W Platinum is designed around these requirements, providing the power capacity and voltage stability needed for demanding workstation configurations.

It is a practical choice for AI development systems, deep learning workstations, professional content creation PCs, engineering systems and other applications where powerful processors and graphics cards need reliable power.

Advanced Cooling for Sustained Operation

The internal cooling system uses enlarged extruded aluminium heatsinks to improve heat dissipation from critical components. Their increased volume helps remove heat efficiently and can contribute to lower operating temperatures compared with more conventional reference designs.

The PSU also uses dual-ball fan bearings designed for long-term operation. The bearings can provide a lifespan of up to 80,000 hours, helping support dependable cooling over extended periods while maintaining controlled operating noise.

Efficient Platinum-Class Power

The 80 PLUS Platinum certification reflects the PSU's focus on power efficiency. Premium low-ESR Japanese server-grade capacitors and other high-quality components are used to support stable and efficient operation.

This combination makes the PSU suitable for systems that may operate for long periods under heavy workloads, where efficient power conversion and thermal management are important.

ATX 3.1 and PCIe 5.1 Ready

Modern graphics cards can create significant changes in power demand, making newer power supply standards increasingly important. ATX 3.1 compatibility provides support for updated voltage and current regulation requirements, while the native PCIe 5.1 12V-2x6 connectors provide direct power connectivity for compatible next-generation GPUs.

The combination helps make the ASUS Pro WS 1600W Platinum a suitable foundation for a new high-performance workstation or an upgrade involving current-generation graphics hardware.

Flexible Modular Cabling

The fully modular design allows unused power cables to be left disconnected, helping reduce cable clutter inside the PC case. The included etched cables are designed to be flexible, making them easier to route during workstation assembly and cable management.

The cables are designed to operate at temperatures well below their stated safety limit and comply with UL1581 flame test and UL758 certification requirements.

Professional-Grade Construction

ASUS has incorporated several design elements intended to improve reliability and installation convenience, including high-performance copper pins, protective PCB coating and DIY-friendly CPU and PCIe power connectors.

The compact form factor also helps make installation more practical in compatible workstation and performance PC cases.

Part Number and Connectivity

For ordering and product identification, the part number / SKU is ASUS PRO-WS-1600P. This reference can be used when checking compatibility, availability and system build requirements.

Important Technical Information

The power supply is designed for demanding configurations, but the electrical installation must be capable of supplying the required load. The available mains power and electrical system should meet the product requirements to help prevent overloads or power trips.

The ASUS Pro WS 1600W Platinum is particularly suited to:

- AI and machine learning workstations
- Deep learning systems
- Multi-GPU professional PCs
- High-end content creation workstations
- Engineering and technical computing systems
- Professional IT and workstation environments
- High-performance desktop PCs

Why Choose the ASUS Pro WS 1600W Platinum?

For users building a powerful workstation around current-generation GPUs, the ASUS Pro WS 1600W Platinum combines high power capacity, modern ATX 3.1 support, native PCIe 5.1 connectivity and efficient Platinum-class power conversion. Its enhanced cooling system, durable fan bearings and premium internal components are designed to support reliable operation in demanding environments.

With 1600W of available power and connectivity for multiple CPU, GPU, SATA and peripheral devices, it provides a strong foundation for high-performance workstation and AI computing systems.

Specifications:

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Specifications	
Product Code	ASUS PRO-WS-1600P
Model	ASUS-PRO-WS-1600P
Intel Form Factor	ATX12V
PFC Type	Active PFC
ATX Standard	ATX 3.1
80 PLUS Efficiency	80Plus Platinum
Protection Features	OPP/OVP/UVP/SCP/OCP/OTP
Hazardous Materials	ROHS
AC Input Range	200-240Vac
DC Output Voltage	+3.3V +5V +12V -12V +5Vsb
Maximum Load	25A 25A 133.3A 0.8A 3A
Combined Load	130W 130W 1600W 9.6W 15W

Total Output	1600W
Cable Connectors	MB 24/20-pin x 1
	CPU 4+4-pin x 2
	PCIE 5.1 16-pin x 2
	PCIE 6+2-pin x 4
	SATA x 9
	PERIPHERAL x 3
Package Contents	Power Cord x 1
	Motherboard Power Cable x 1 (610mm)
	CPU Cable x 2 (1000mm)
	PCI-E Gen 5.1 16-pin Cable x 2 (750mm)
	PCI-E 1-to-1 Cable x 2 (750mm)
	PCI-E 1-to-2 Cable x 1 (750+100mm)
	SATA 1-to-3 Cable x 3 (400+120+120mm)
	Peripheral 1-to-3 Cable x 1 (400+150+150mm)
	Chassis Screws Package x 1
	Cable Tie x 6
	User Manual x 1
Dimensions	175 x 150 x 86 mm
Weight	2.0 kg (single PSU)
AURA SYNC	No
0dB Fan Button	No, this product is without 0dB technology.

Product Information Online

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

Product page:
<https://www.comx-computers.co.za/ASUS-PRO-WS-1600P-Asus-Pro-WS-1600W-Platinum-Fully-Buy-p-339878.php>

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