

FSP MEGA TI 1650W Power supply unit ATX ATX3.1 Black

Model: PPA16F0202

Manufacturer: FSP

EAN: 4711498480385

Product Code: 1687776

R8,410

Ultimate Power Flexibility for High-Performance Graphics Cards

With versatile PCIe 8-pin and native 12V-2x6 connectors, the MEGA TI series delivers unmatched flexibility in power configurations.

It's perfectly suited for powering even the most demanding NVIDIA or AMD graphics cards, guaranteeing stable and reliable performance under heavy workloads.

Whether you're gaming, creating content, or tackling other intensive tasks, you can configure your system with total confidence.

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FSP Interleaved PFC

Maximum Efficiency, Minimal Heat

The FSP MEGA TI series utilizes FSP Interleaved PFC, boosting efficiency up to 95% while cutting heat by 10-15°C. It reduces ripple by 50%, ensures stable power delivery, and extends component lifespan—making it the ultimate choice for high-performance systems.

Fully Modular

with Embossed Cabling Design

The MEGA TI series prioritizes user convenience, offering high-quality embossed cables that are soft, flexible, and easy to install. These cables can be neatly routed to minimize clutter, making the installation process smoother and significantly improving system airflow. By using only the cables you need, you can keep your setup clean and organized, boosting both aesthetics and performance.

High Efficiency in Titanium-certified

The MEGA TI series holds the prestigious 80 PLUS® Titanium certification, awarded by globally recognized organizations.

This elite certification signifies the highest standards in energy efficiency, ensuring lower power consumption, minimal heat generation, and whisper-quiet operation.

Users can trust that their systems will run cooler, quieter, and more efficiently, contributing to a superior computing experience.

Complies with Intel ®

Power Supply Design Guide ATX 3.1

The MEGA TI series is fully compatible with the latest ATX 3.1 standard, offering robust support for up to 200% power excursion. This ensures that even the most demanding power spikes are handled with ease.

Additionally, the inclusion of the new PCIe 12V-2x6 connector interface guarantees peak performance and seamless integration with upcoming hardware advancements, allowing users to future-proof their systems with confidence.

Whisper-Quiet

Zero RPM Mode

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When load levels drop below 40%, the Zero RPM mode activates when the eco semi-fanless switch is turned on. This ensures the fan remains off, providing completely silent operation and a quieter workspace. As system demands increase, the 135mm fluid dynamic bearing fan powers up, delivering efficient cooling while its durable design extends the fan's lifespan. This approach offers an ideal balance between silence and cooling performance.

Complete Protection

OVP, OCP, OPP, OTP

SCP, UVP, SIP, NLO

Featuring a comprehensive circuit protection system, meticulously designed to safeguard your valuable components from potential electrical hazards. This advanced protection system shields against overvoltage, undervoltage, overcurrent, and short circuits, ensuring that your system remains safe and operational even under extreme conditions.

Off-Wet,

Off-Dust and Off-Stain

A conformal coating shields the PCB, guarding it against harsh environmental conditions. This protective layer ensures reliable, consistent performance even in extreme settings with up to 95% relative humidity.

Whether you're in a humid climate or a dusty area, you can trust your power supply to perform at its best, providing peace of mind and long-term reliability.

±0.5%

Tight Load Regulation

FSP MTLC® (Micro Tolerance Load Control)

is an advanced design that enables processors and graphics cards to perform high-speed AI calculations efficiently, minimizing delays caused by power surges or sudden load changes. With superior load regulation of just 0.5%, exceeding the Intel ATX3.1 standard, this advanced design achieves stable voltage delivery, enhances power supply efficiency, and improves the performance and reliability of sensitive electronic devices.

This precise control reduces power consumption, heat generation, and voltage fluctuations, ultimately extending the lifespan of both the power supply and the devices it powers.

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Compact Power,

Full Performance : The MEGA TI Series

At just 180mm long, the MEGA TI series is shorter than the industry standard, which usually ranges from 190 to 210mm. This compact design makes it perfect for small PCs or tight spaces. Despite its smaller size, the MEGA TI series delivers the same high-quality power and efficiency as larger units, making it an excellent choice for any build.

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