



**Power Supply  
SEASONIC  
PRIME TX ATX  
3.0 1600 Watts  
Efficiency 80  
PLUS TITANIUM  
MTBF 100000  
hours PRIME-TX-  
1600-ATX30**

Modelis: PRIME-TX-1600-ATX30

Gamintojas: SEASONIC

EAN: 4711173878018

Prekės kodas: 13537

**487.99€**

Pressing on with its One Seasonic Initiative, the PRIME TX, PRIME PX and PRIME GX series became the successors to the Seasonic PRIME and PRIME Ultra series.

The PRIME Series has always demonstrated outstanding performance and have become the epitome of technological excellence and quality through the years. This third generation of PRIME Series

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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rolled out not only with a uniformed naming scheme but also with updated general design and connection cables. As each new model in these PRIME series have their distinctive set of features and specifications, prospective customers will find a streamlined buying guidance through understanding the One Seasonic process.

## **80 PLUS TITANIUM**

The PRIME Titanium Series achieves the highest level of 80 PLUS Titanium certification on the market with its 94 % efficiency at 50 % system load.

## **MICRO TOLERANCE LOAD REGULATION**

Seasonic's latest design keeps the output voltage within a very tight range, achieving under 0.5 % load regulation. This impressive electrical performance and stability makes this power supply an ideal choice for high-performance systems.

## **PREMIUM HYBRID FAN CONTROL**

Seasonic's vast experience in designing the most silent and efficient power supplies on the market was translated into the development of Hybrid Mode; a state-of-the-art fan control that enables users to keep the overall fan noise at the lowest possible level.

## **FLUID DYNAMIC FAN BEARING**

High performance Fluid Dynamic Bearing (FDB) fans are designed to take advantage of the impact absorbance effects of oil. They are extremely reliable and generate considerably less operating noise and heat than ball bearing fans. The lubrication of the bearing surface reduces friction and vibration and therefore lowers overall power consumption. Due to the effortless, quieter rotations and its robust construction, this reliable fan technology also greatly increases the lifespan of the fan.

## **HOW IT WORKS**

When the fan shaft rotates, high pressure oil drifts along the grooves of the bearing sleeve to generate a thin layer of lubrication between the bearing faces. As the speed increases, so does dynamic oil pressure and the shaft is lifted from the bearing to create smooth, effortless rotations. The herringbone shape of the grooves helps to efficiently channel the lubricant and avert leakage.

## **CABLE-FREE CONNECTION DESIGN**

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Seasonic's engineers have implemented a new design feature, where instead of cables; the back panel and the PCB (Printed Circuit Board) are connected by a copper plate. This breakthrough solution not only lowers the chance of production errors during manual insertion but it also improves output power quality.

- ATX 12 V
- Fully Modular
- 80 PLUS Titanium Certified

Summary: Seasonic Prime -TX-1600. Total power: 1600 W, AC input voltage: 100 - 240 V, AC input frequency: 50 - 60 Hz. Motherboard power connector: 20+4 pin ATX, Motherboard power cable length: 61 cm, Cabling type: Fully-Modular. Purpose: PC, Power supply unit (PSU) form factor: ATX, 80 PLUS certification: 80 PLUS Titanium. Product colour: Black, Cooling type: Active, Fan diameter: 13.5 cm. Cables included: AC, PCIe, Peripheral (Molex), Peripheral (Molex) to SATA 3.3, SATA | Vendor Homepage: <https://seasonic.com/prime-tx#gallery> | AC input frequency: 50 - 60 | AC input voltage: 100 - 240 | Combined power (+12V): 1600 | Combined power (+3.3V): 125 | Combined power (+5V): 125 | Combined power (+5Vsb): 15 | Combined power (-12V): 6 | Input current: 15 - 10 | Max output current (+12V): 133.3 | Max output current (+3.3V): 25 | Max output current (+5V): 25 | Max output current (+5Vsb): 3 | Max output current (-12V): 0.5 | Power protection features: Over current/Over voltage/Short circuit | Total power: 1600 | Cabling type: Fully-Modular | Motherboard power cable length: 610 | Motherboard power connector: 20+4 pin ATX | Number of SATA power connectors: 10 | PCI Express connector: Yes | Peripheral (Molex) power connectors (4-pin): 3 | 80 PLUS certification: 80 PLUS Titanium | Bearing technology: FDB | Compatible products: cTUVus, TUV, CB, CCC, BSMI, EAC, CE, Energy Star, RoHS, WEEE, ErP Lot 6, REACH | Mean time between failures (MTBF): 150000 | Power supply unit (PSU) form factor: ATX | Purpose: PC | Cooling type: Active | Fan diameter: 135 | Number of fans: 1 | On/off switch: Yes | Product colour: Black | Operating temperature (T-T): 0 - 50 | Cable tie(s) included: Yes | Cables included: AC, PCIe, Peripheral (Molex), Peripheral (Molex) to SATA 3.3, SATA | Depth: 210 | Height: 86 | Width: 150 | Package type: Box | Model name: PRIME TX ATX 3.0 | Units per Pallet: 0 | Units per Shipping Box: 4 | Unit Calculated Volume: 0.01406 | Unit Calculated Weight: 6.14

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