



# Seasonic PRIME TX-1600 Noctua Edition

Ultra-quiet fully modular power supply

## LOGISTIC DATA

Product name

Seasonic PRIME TX-1600

Noctua Edition

Packaging dimensions (HxWxD)

125x450x195 mm

Weight incl. packaging

7860 g

Warranty

12 years

Packaging unit

4 pcs

Packaging dimensions / unit (HxWxD)

480x545x215 mm

Weight incl. packaging / unit

25.29 kg

## EAN / UPC

US

9010018900231 / 841501190230

Europe and ROW

9010018900248 / 841501190247

UK

9010018900255 / 841501190254

JP

9010018900262 / 841501190261

AU

9010018900279 / 841501190278

## SCOPE OF DELIVERY

PRIME TX-1600 Noctua Edition  
power supply

Modular cables in Noctua brown  
colour scheme

Seasonic is renowned as one of the leading manufacturers of premium grade PC power supplies and PRIME TX is their award-winning, 80 PLUS® Titanium certified flagship series featuring state-of-the-art electronic designs, first-class quality components, cutting-edge performance and exceptional efficiency. The Noctua Edition of the top-end TX-1600 model uses this superb platform and combines it with the iconic, groundbreaking NF-A12x25 fan as well as a custom designed, highly optimised fan grill, which enable it to run ~8-10dB(A) quieter than the already quiet standard model. Thanks to its semi-passive fan control setup, the TX-1600 Noctua Edition will operate fully passive up to around 50% load at typical ambient temperatures ( $\leq 25^{\circ}\text{C}$ ) and only start ramping up the fan slowly as the load or temperature levels increase. This makes it a fantastic choice not only for power-hungry high-end builds, but also for silent systems that do not require as much as 1600W and will therefore have the PSU running mostly with the fan switched off or at near-inaudible speed levels. Even at 100% load, the Noctua Edition runs whisper quiet at ambient temperatures up to  $25^{\circ}\text{C}$ , producing only ~24dB(A) versus ~34dB(A) for the regular model. This massive reduction in noise emission is reflected in an upgrade of Cybenetic's Lambda average noise level score from A to A++ . Topped off with ATX 3.1 and PCIe 5.1 support as well as fully modular, Noctua-themed cables, the Seasonic PRIME TX-1600 Noctua Edition is the ultimate choice for highly demanding PC enthusiasts who require uncompromising quality, class-leading performance and exceptional quietness of operation.

### Award-winning performance

Awarded best power supply series by the European Hardware Association in 2023 and having received countless recommendations from expert testers around the world, the PRIME TX series is a testament to Seasonic's decades of experience in engineering PC power supplies for the highest demands.

### Cybenetic's Lambda A++ sound level rating

In Cybenetic's acoustic tests, the regular PRIME TX-1600 model was already very quiet with a Lambda A rating and an average noise output of only ~21 dB(A). The Noctua Edition further improved on this excellent result with a further ~8 dB(A) reduction and an average noise level of ~13 dB(A), which led to an upgrade from Lambda A to a Lambda A++ classification.

### Renowned NF-A12x25 120mm fan

The key to the Noctua Edition's further improved acoustic performance is Noctua's renowned NF-A12x25 120mm fan: Ensuring the same safe operating temperature of all internal components, it runs another ~8-10dB(A) quieter than the regular model's already quiet 135mm fan across the entire fan speed range.

### 12-year Seasonic warranty

With more than 40 years of experience in manufacturing PC power supplies, Seasonic has become synonymous with dependable, uncompromising quality that you can count on for years to come. Just like the regular model, the PRIME TX-1600 Noctua Edition is covered by Seasonic's 12-year manufacturer's warranty.

## PRIME TX-1600 Noctua Edition SPECIFICATIONS

Dimensions	210x150x86 mm
AC Input Range	100–240 VAC 15–10 A 50–60 Hz 仅200–240 VAC 10 A 50–60 Hz适用于中 国地区 and for Korea
Efficiency	80 PLUS® Titanium / ENERGY STAR® / ErP Lot 6 2013 compliant
Total Output	1600 W 115–240 VAC, 1300 W 100–240 VAC
Protection features	OPP / OVP / UVP / SCP / OCP / OTP
Intel Specifications	ATX 12 V / EPS 12 V
Warranty	12 years

## NF-A12x25 FAN SPECIFICATIONS

Dimensions	120x120x25 mm
Connector & pin-configuration	4-pin PWM
Bearing	SS02
Blade geometry	A-Series with Flow Acceleration Channels
Frame technology	AAO (Advanced Acoustic Optimisation)
Material	Sterrox® LCP
NF-A12x25	without adaptor
Max. rotational speed (+/-10%)	2400 RPM
Max. airflow	117.6 m³/h
Max. acoustical noise	28.8 dB(A)
Max. static pressure	3.28 mm H <sub>2</sub> O

Designed in Austria, Noctua's premium cooling components are internationally renowned for their superb quietness, exceptional performance and thoroughgoing quality. Having received more than 6000 awards and recommendations from leading hardware websites and magazines, Noctua's fans and heatsinks are chosen by more than a hundred thousand satisfied customers around the globe.

CE UK RoHS  
PRODUCED ACCORDING TO ISO9001 & ISO14001  
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