



STRAIGHT POWER^{E9}

THE PREMIUM POWER SUPPLY UNIT

580W CM

IDEAL APPLICATIONS

Gaming
Multimedia
Demanding graphics applications

HIGHLIGHTS

Virtually inaudible
80PLUS Gold certified
Smart cable management
High efficiency of up to 93%
High performance and stability for CPU and GPU
Supports multi-GPU systems

Virtually inaudible »

Decoupled 135mm SilentWings® fan with airflow-optimized fan blade design. Fluid Dynamic Bearing avoids mechanical friction and extends fan lifespan to up to 300.000h.

Premium Efficiency »

Active-Clamp + Synchronous Rectifier Technology for highest power efficiency of up to 93% (80PLUS Gold certified). EuP 2013 Lot 6 ready due to low standby power consumption <0,5W.

Class-leading performance and stability »

Up to four independent 12V rails. Suitable for Mult-CPU operation, SLI and CrossFire ready. Supports the most recent generation of processors from Intel® and AMD.

Comfortable handling »

Modular Cable Management for reduced clutter and better airflow. Sockets are keyed to prevent accidental misconnection. Sleeved cables of up to 115cm. All-in-one cable with SATA, HDD and FDD connector.

Highest safety and reliability »

Full suite of top international safety protections defends against over-current, over- and under-voltages, short circuits, over-heating and overloads, thus safeguarding your valuable components.

Product conception, design and quality control in Germany.

5 years warranty.

The Straight Power series is also available without Cable Management.

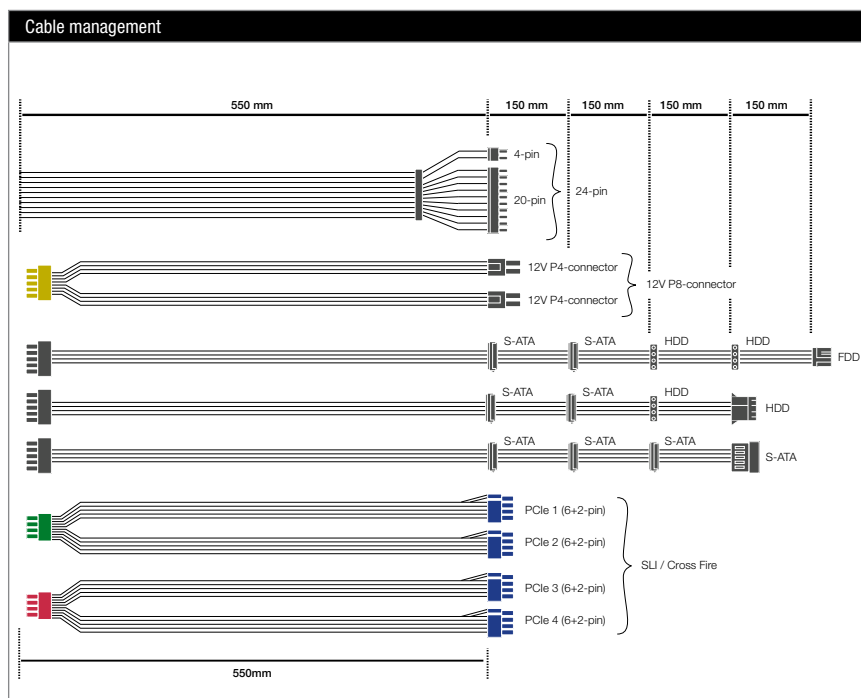
+ SILENT WINGS

+ CABLE MANAGEMENT



580W CM

| | 480W | 580W | 680W | |
|------------------|-------------------------------------|----------------------|-----------------------------|---|
| IN GENERAL | Continuous power (W) | 480W | 580W | 680W |
| | Model | BN197 | BN198 | BN199 |
| | Voltage / Frequency | 100–240Vac / 50–60Hz | 100–240Vac / 50–60Hz | 100–240Vac / 50–60Hz |
| | ATX 12V 2.31 / EPS 12V 2.92 | • / • | • / • | • / • |
| | Dimension (LxWxH) | 160 x 150 x 86 | 160 x 150 x 86 | 160 x 150 x 86 |
| | High-quality fan | 135mm | 135mm | 135mm |
| | Noise level at 0–100% load, dB(A) | 13,7-18,8 | 13,7-21,7 | 13,7-23,6 |
| | Efficiency % (230V) | up to 93% | up to 93% | up to 93% |
| | 12V Rails | 4 | 4 | 4 |
| | Active PFC | • | • | • |
| | OC, OVP, UVP, SCP, OPP, OTP | • | • | • |
| | Certifications | 80PLUS Gold | 80PLUS Gold, AMD CrossFireX | 80PLUS Gold, NVIDIA SLI, AMD CrossFireX |
| | Energy Star 5.0 compatible | • | • | • |
| | Conforms to ErP | • | • | • |
| Lifetime at 25°C | up to 300.000h | up to 300.000h | up to 300.000h | |
| CABLES | Cable management | • | • | • |
| | No. of cables | 7 | 7 | 8 |
| | Maximum cable length | 115cm | 115cm | 115cm |
| | Length of ATX-connection cable (cm) | 55cm | 55cm | 55cm |
| | Sleeved cables | • | • | • |
| CONNECTORS | ATX-Mainboard (20+4-pin) | 1x 20+4-pin | 1x 20+4-pin | 1x 20+4-pin |
| | PCI-Express (6-pin/6+2-pin) | 0 / 2 | 0 / 4 | 0 / 4 |
| | P8-/P4-connector | P8 (P4+4) | P8 (P4+4) | P8 (P4+4) |
| | S-ATA (5-pin) | 8 | 8 | 9 |
| | IDE (4-pin Molex) | 4 | 4 | 6 |
| | FDD (Floppy) | 1 | 1 | 1 |



Output data

| AC Input | 100–240Vac | | 50–60Hz | | 8–4A | | | |
|---------------------|------------|-----|---------|------|------|------|------|------|
| DC Output | 3.3V | 5V | 12V1 | 12V2 | 12V3 | 12V4 | -12V | 5VSB |
| Max. Current | 24A | 24A | 18A | 18A | 20A | 20A | 0.5A | 3A |
| Max. Combined Power | 140W | | 564W | | | 6W | | 15W |
| | 580W | | | | | | | |

Logistic data

| | |
|------------------------------------|-----------------|
| Model | BQT E9-CM-580W |
| Article no. | BN198 |
| Packaging dimensions (WxHxD in mm) | 328 x 248 x 102 |
| Box weight (kg) | 3,00 |
| Quantity per ship. box | 6 |
| Weight of ship. box (kg) | 19,2 |
| EAN code | 4260052182376 |
| Price (€) | 105,00 |

Hotline: 0800 - 0736 736 (Mo–Fr 9:00–17:30)