

Item no.: 375275

## PC850 - 850W Power supply SH570R8/580R8

from **247,10 EUR**

Item no.: 375275  
shipping weight: 0.80 kg  
Manufacturer: Shuttle



### Product Description

850 Watt upgrade power supply for Shuttle XPC Cubes  
The Shuttle XPC Accessory PC850 is an internal 850W switching power supply unit (PSU) and is suitable as an upgrade kit for certain Shuttle products. This power supply guarantees an excess of power for power-hungry processors and graphics cards. With the 80 PLUS® Platinum logo and Energy Star V5.0 compliance, the electricity bill will be noticeably lower than with previous PSU models.  
Compatibility  
Compatible with the following Shuttle XPCs in cube format:- SH610R4- SH510R4- SH570R6 (Plus)- SH570R8- SW580R8- SH310R4V2 with serial no. SH310V20501...- SH370R6V2 with serial no. SH370V20801...- SH370R6V2 Plus with serial no. SH370V20901...- SH370R8 with serial no. SH370R80701...  
Scope of delivery:- Internal power supply unit (850 W)- Mounting bracket with screw- Quick start guide  
AC input  
Input voltage: 100 - 240 V AC (automatic), 50 - 60 Hz  
Input current: max. 10.0 - 6.0 A  
Active power factor correction (PFC) in accordance with EN61000-3-2  
AC connection: IEC connector, 3-pin with PE (IEC-60320/C14)  
DC output voltages  
Output voltages (max. output current): +3.3V (20A), +5V (20A), +12V (70.8A), -12V (0.5A), +5Vsb (3A)  
Low ripple: 120 mV P-P for 12V and 50 mV P-P for 3.3V/5V  
Rise time: less than 20ms  
Bypass time: min. 17 ms at nominal input voltage and max. 75% load  
Power good signal: switch-on delay 100 - 500ms, switch-off delay min. 1ms (TTL and CMOS compatible)  
Leakage current: less than 3.5mA at 264Vac, 63Hz  
Maximum output power  
+3.3V and +5V combined power: max. 100 W  
Total output power: max. 850 W  
DC connectors  
1x main motherboard connector (20-pin ATX)  
1x mainboard auxiliary connector (4-pin ATX 12V AUX)  
4x Serial ATA connectors for power supply (15-pin SATA)  
2x PCIe power with 6+2 pins (for the graphics card)  
2x 4-pin WST connector with 12V (black/yellow)  
1x PMBus data cable, 5-pin (reserved)  
Fan  
40 mm fan with ball bearings on the outside for better acoustic properties  
LED display  
LED off/flashing/green/red: Off/Standby/Ok/Error  
Dimensions  
220 x 81.5 x 40.5 mm (LWH), Flex-ATX format  
High reliability- MTBF: 100.000 hours at 25 °C at full load- Short-circuit proof on all outputs- Overcurrent protection (OCP)- Overtemperature protection (OTP)- Overvoltage protection (OVP)- Dielectric strength: Primary housing earth 1800V AC for 2 seconds  
Efficiency  
typical >92% efficiency, fulfils 80 Plus Platinum criteria  
90% / 92% / 89% at 20% / 50% / 100% load  
Permissible environmental parameters- Operation: 0 to 50 °C, max. 90% RH non-condensing- Storage: -20 to 80 °C, max. 90% RH non-condensing- Operating altitude: max. 5000 metres above sea level  
Conformity and logos  
CE, TUV, FCC, UL/cUL, CCC, CB 62368-1 & CB 60950-1  
Energy Star 5.0 & ErP, 80 PLUS® Platinum  
Power supply manufacturer  
Fortron Source Technology (FSP Group)  
Manufacturer's article no.: FSP850-50FGPH3 (with customised cable lengths and number of plugs)

### Specifications

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prices and availability

