

DARK POWER PRO 11 | 850W

General

Model	DARK POWER PRO 11 850W
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General Data

Continuous power (W)	850
Peak power (W)	950
Form factor ATX 12V	Version 2.4
Form factor EPS 12V	Version 2.92
Modular cable management	yes
Topology	Full bridge + LLC + SR + DC/DC
Voltage (Vac)	100 - 240
Frequency (Hz)	50 - 60
Input current (A)	13 / 7
PFC	active
Power factor at 100% load	>0.99
Compliant to Intel C6/C7	yes
Compliant to Intel C6 mode	yes
Power consumption in standby (W)	<0.10W
Average life time (h / 25°C)	100.000
Operating temperature up to (°C)	40

Output

12V rails (multi-rail operation)	4
12V single rail operation	yes
Overclocking key	yes
+3.3V (A)	25
+5V (A)	25
+12V1 (A)	30
+12V2 (A)	30
+12V3 (A)	35
+12V4 (A)	35
+12V5 (A)	-
+12V6 (A)	-
-12V (A)	0.5
+5Vsb (A)	3

Max. combined power 12V (W)	840
Max. combined power 3.3V + 5V (W)	140
Hold-up time (ms @ 100%)	20.84

Fan / Cooling technology

Fan type	be quiet! SilentWings
+SilentWings	yes
Motor technology	6-pole fan motor
Bearing technology	FDB
Fan size (mm)	135
Max. fan speed (rpm), temperature-dependent	1,500
Temperature control for case fans	yes
dB(A) at 20% load	10.4
dB(A) at 50% load	10.4
dB(A) at 100% load	20.1

Protection

OCP (over current protection)	yes
OVP (over voltage protection)	yes
UVP (under voltage protection)	yes
SCP (short circuit protection)	yes
OTP (over temperature protection)	yes
OPP (over power protection)	yes

Safety certification

CE	yes
CB	yes
TÜV	yes
Nemko (N)	no
Semko (S)	no
Fimko (FI)	no
Demko (D)	no
FCC	yes
cRUus	no
cTUVus	yes
RCM (Australia)	yes
BSMI	no
CU (Russia)	yes

Eco / Efficiency

80PLUS certification	Platinum
Efficiency (%) at 230V, 20% load	92.1
Efficiency (%) at 230V, 50% load	94
Efficiency (%) at 230V, 100% load	92.7

Environmental directives

ENERGY STAR	6.0
ErP	yes
WEEE	yes
RoHS	yes

Cablemanagement / Connectors

Modular cable management	yes
Sleeved cables	yes
Flat Cables	-
Cable length to mainboard (cm)	60
Cable length to first connector (cm)	60
Maximum cable length (cm)	120
All-in-one cable (SATA/PATA/FDD)	yes
No. of cables	19
ATX-Mainboard (20+4 pin)	1
P8 (CPU)	1
P4+4 (CPU)	1
P4 (CPU)	-
PCI-E 6 pin (GPU)	1
PCI-E 6+2 pin (GPU)	6
PATA 4 pin	7
SATA 15-pin (HDD, Drives)	8
FDD (Floppy)	2
Mainboard Connector (PATA 4 pin)	1
External fan connectors	4

GPU compatibility

Multi-GPU ready	yes
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Casing

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Dimensions without cable (L x W x D), (mm)	193 x 150 x 86
Weight incl. fixed cables (kg)	2.39
Color	black

Accessories

Thumb screws	yes
Screws	yes
Velcro cable ties	yes
Cable ties	yes
AC power cord (mm)	1.500
Box/Bag for PSU/Cables	yes
User manual languages	EN, DE, FR, PL, ES, RU
OCK slot bracket with switch / OCK Jumper	yes

Service

Warranty (Years)	5
Express replacement service in first year	DE, FR
International hotline / free of charge	✓ / DE, FR

Logistics Data, RRP

Range	Dark Power Pro
Article number	BN253
EAN code	4260052183786
Dimensions, package (L x W x H), (mm)	348 x 272 x 118
Gross weight, package (kg)	4.47
Pieces per packaging unit	4
Dimensions, shipping box (L x W x H), (mm)	514 x 305 x 378
Gross weight, shipping box (kg)	19.17
RRP (€)	229.00