be quiet!

be quiet! Pure Power 12 M virtalähdeyksikkö 650 W 20+4 pin ATX ATX musta

Tuotemerkki : be quiet!

Tuotekoodi: BN342

Tuotteen nimi : Pure Power 12 M

be quiet! Pure Power 12 M. Kokonaisteho: 650 W, AC-syöttöjännite: 100 - 240 V, Huipputeho: 720 W. Emolevyn virtaliitin: 20+4 pin ATX, Emolevyn virtapiuhan pituus: 55 cm, SATA-virtakaapelin pituus: 500,650,800,950 mm. Tarkoitus: PC, Virransyöttöyksikön mitat: ATX, 80 PLUS certification: 80 PLUS Gold. Tuotteen väri: musta, Jäähdytyksen tyyppi: Aktiivinen, Tuulettimen halkaisija: 12 cm. Sisältää johdot: PATA, PCIe, Peripheral (Molex), SATA

Power

Total power *	650 W
Peak power	720 W
AC input voltage *	100 - 240 V
AC input frequency	50 - 60 Hz
Input current	10/5 A
Power factor	0.98
Power Factor Correction (PFC) type	Active
Combined power (+3.3V)	120 W
Combined power (+12V)	650 W
Combined power (+5V)	120 W
Combined power (-12V)	3.6 W
Combined power (+5Vsb)	15 W
Max output current (+3.3V)	20 A
Max output current (+12V1)	32 A
Max output current (+12V2)	28 A
Max output current (+5V)	20 A
Max output current (-12V)	0.3 A
Max output current (+5Vsb)	3 A
Efficiency	92.7%
Power Good signal delay range	100 - 150 ms
Power protection features	Over current, Over power, Over voltage, Overheating, Short circuit

Ports & interfaces

Motherboard power connector *	20+4 pin ATX
Motherboard power cable length	55 cm
Number of SATA power connectors	5
Number of PATA power connectors	2
SATA power cable length	500,650,800,950 mm
Peripheral (Molex) power connectors (4-pin) *	1
Peripheral (Molex) power cable length	550 mm
EPS power connector (4+4 pin)	✔
PCI Express power connectors (6+2 pin)	2
CPU P4 connector (4-pin)	1

Ports & interfaces

PCI Express connector	✔
Cabling type	Fully-Modular

Performance

80 PLUS certification *	80 PLUS Gold
Purpose *	PC
Power supply unit (PSU) form factor *	ATX
ATX version	3.0
EPS version	2.92
Noise level	19.9 dB
Mean time between failures (MTBF)	100000 h

Design

Product colour	Black
Cooling type	Active
Fan diameter	12 cm
Number of fans	1 fan(s)
Fan location	Top
On/off switch	✔

Operational conditions

Operating temperature (T-T)	0 - 40 °C

Packaging content

Cables included	PATA, PCIe, Peripheral (Molex), SATA

Weight & dimensions

Width	160 mm
Depth	150 mm
Height	86 mm

Packaging data

Package type	Box

Technical details

Sustainability compliance	✔
Sustainability certificates	ENERGY STAR, ErP

Ports & interfaces			Technical details	
ATX power connector (20+4 pin)	✔		Warranty period	10 year(s)
			Compliance certificates	RoHS
			Other features	
			Screws included	✔
			Number of screws	5
			Cable ties included	✔
			Noise level (silent mode, <30%)	8.1 dB
			Noise level (quiet mode, 50%)	9.1 dB
			Noise level (full-load mode, 100%)	19.9 dB

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