



FSP HYPER 80+ PRO 450W Power supply unit ATX ATX3.1 Black

Brand : FSP

Product code: 9PA450A404

Product name : HYPER 80+ PRO 450W Power supply unit ATX ATX3.1 Black

- Complies with ATX12V V2.52 & EPS12 v2.92
- Efficiency $\geq 85\%$ @ typical load
- Active PFC ≥ 0.9
- Hold up time $> 17\text{ms}$ @80% load
- 450V, 105°C capacitors for a long product life cycle
- +12V single-rail design
- +5V & 3.3V DC to DC module design
- 120mm silent and long life fan
- All black round cables
- Complete protection: OCP/OVP/OPP/SCP

450 W, 120 mm, Active PFC, ATX 2.52, EPS 2.92, 80 Plus Bronze

FSP HYPER 80+ PRO 450W Power supply unit ATX ATX3.1 Black. Total power: 450 W, AC input voltage: 200 - 240 V, AC input frequency: 50/60 Hz. Motherboard power connector: 24-pin ATX, Cabling type: Non-Modular. Purpose: PC/Server, Power supply unit (PSU) form factor: ATX, 80 PLUS certification: 80 PLUS Bronze. Product colour: Black, Cooling type: Active, Fan diameter: 12 cm. Compliance certificates: EuP



Power		Ports & interfaces	
Total power *	450 W	CPU power connector (4+4 pin)	✓
AC input voltage *	200 - 240 V	ATX Power connector (24-pin)	✓
AC input frequency	50/60 Hz	Floppy drive power connector	1
Input current	3 A	Floppy disk drive connector	✓
Power factor	0.9	PCI Express connector	✓
Power Factor Correction (PFC) type	Active	Cabling type	Non-Modular
Combined power (+3.3V)	85 W	Performance	
Combined power (+12V)	450 W	80 PLUS certification *	80 PLUS Bronze
Combined power (+5V)	85 W	Purpose *	PC/Server
Combined power (-12V)	3.6 W	Power supply unit (PSU) form factor *	ATX
Combined power (+5Vsb)	12.5 W	ATX version	3.1
Max output current (+3.3V)	16 A	Bearing technology	Sleeve
Max output current (+12V)	37.5 A	Design	
Max output current (+5V)	16 A	Product colour	Black
Max output current (-12V)	0.3 A	Cooling type	Active
Max output current (+5Vsb)	2.5 A	Fan diameter	12 cm
Hold time	17 ms	Number of fans	1 fan(s)
Efficiency	88%	On/off switch	✓
Power protection features	Over current, Over power, Over voltage, Short circuit	Certificates	
Ports & interfaces		Compliance certificates	EuP
Motherboard power connector *	24-pin ATX	Weight & dimensions	
Number of SATA power connectors	5	Width	140 mm
Peripheral (Molex) power connectors (4-pin) *	2	Depth	150 mm
EPS power connector (8-pin)	✓	Height	86 mm
PCI Express power connectors (6+2 pin)	2	Weight	1.24 kg
		Technical details	
		Sustainability certificates	ErP



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