

NAXN

Entry-level Power Supply Series

NAXN BASIC

NEW!	ENP350AGT	350W	non-modular
	ENP450AGT	450W	non-modular
	ENP500AGT	500W	non-modular



ErP Lot 6

Ready!

ErP Lot 6
Ready!

Features

ErP Lot 6 ready!

Help systems to meet EU eco-design directive ErP/EuP Lot 6 (<1W in standby mode) due to improved, high-efficient 5V standby (+5Vsb) circuitry.

Intel ATX 12V v2.3

Compliant with the latest desktop power supply design guide. Full support of most current CPU: Intel® Core 2 Duo™/ Quad™/ Extreme™ / i7™ / i5™ / i3™ and AMD® Athlon™ 64X2/X4 or Phenom™ X3/X4.

Multi Rail Design

Stable and reliable power supply with two powerful 12V rails.

AirGuard

Patented air-intake with optimal aero-dynamical design reduces noisy air turbulences.

Silent Cooling

Ultra quiet fan with intelligent RPM control guarantees cool performance and silent operation.

SafeGuard

Multiple protection circuitry of OVP, UVP, SCP, OPP and SIP.

Active PFC

Excellent active Power Factor Correction (PFC) with up to 0.99 to minimize power waste.

Dimensions (W x H x D)

150 x 86 x 140mm.








Warranty

3 years vendor warranty.

Specifications

	ENP350AGT	ENP450AGT	ENP500AGT			
AC Input Rating						
Input Voltage	230 VAC, 47-63 Hz		220 VAC, 47-63 Hz			
Input Current	4A					
DC Output Rating						
+3.3V	21A	110W	22A	120W	22A	120W
+5V	17A		18A		19A	
+12V1	15A	300W (25A)	21A	360W (30A)	24A	408W (34A)
+12V2	15A		18A		21A	
-12V	0.3A	3.6W	0.3A	3.6W	0.3A	3.6W
+5Vsb	2.5A	12.5W	2.5A	12.5W	2.5A	12.5W
Total Power	350W		450W		500W	
Peak Power	385W		495W		550W	

Cables and Connector

		ENP350AGT	ENP450AGT	ENP500AGT
Mainboard		1x 50cm	1x 50cm	1x 50cm
CPU 4+4 Pin		1x 60cm	1x 60cm	1x 60cm
PCI-E 6 Pin		1x 50cm	1x 50cm	1x 50cm
PCI-E 6+2P=8P		-	1x 50cm	1x 50cm
SATA		4x	5x	6x
Molex 4P		4x	4x	4x
FDD		1x	1x	1x

NAXN 82+

NEW!	ENP450AWT-B	450W	non-modular, 80 PLUS® Bronze
NEW!	ENP550AWT-B	550W	non-modular, 80 PLUS® Bronze
NEW!	ENP650AWT-B	650W	non-modular, 80 PLUS® Bronze
	ENM750AWT	750W	modular, 80 PLUS® Bronze
	ENM850EWT	850W	modular, 80 PLUS® Bronze



Features

80 PLUS® Bronze efficiency

Up to 88% efficiency at 230V and 20-100% load. 80 PLUS® Bronze certified.

ErP Lot 6 ready!*

Help systems to meet EU eco-design directive ErP/EuP Lot 6 (<1W in standby mode) due to improved, high-efficient 5V standby (+5Vsb) circuitry. *except ENM750AWT & ENM850EWT

ENERGY STAR 5.0 ready!

Support computer system to meet ENERGY STAR 5.0 standard.

Future ready and flexible*

All-round modular cable management. 10/12P sockets for possible connector changes of upcoming high-performance CPU and graphics card generations. *only ENM750AWT & ENM850EWT

Full graphics power

Supports SLI™ systems (except ENP450AWT-B) and CrossFireX™ systems.

Intel ATX 12V v2.3

Compliant with the latest desktop power supply design guide. Full support of most current CPU: Intel® Core 2 Duo™/Quad™/Extreme™ / i7™ / i5™ / i3™ and AMD® Athlon™ 64X2/X4 or Phenom™ X3/X4.

Multi-Rail Design

Stable and reliable power supply with up to four powerful 12V rails.

AirGuard

Patented air-intake with optimal aero-dynamical design reduces noisy air turbulences.

Silent Cooling

Ultra quiet fan with intelligent RPM control guarantees cool performance and silent operation.

HeatGuard

Keeping PSU fan running for 30-60 seconds after shut down to dissipate the remaining system heat and prolonging system lifetime.

SafeGuard

Multiple protection circuitry of OVP, UVP, SCP, OPP and SIP.

Non-Stop @ 40°C

Non-stop industrial class performance at 40°C/104°F ambient.

Active PFC

Excellent active Power Factor Correction (PFC) with up to 0.99 to minimize power waste.

Worldwide Compatibility

100-240V AC input with automatic adjustment for global usage.

Dimensions (W x H x D)

150 x 86 x 140mm (ENM750AWT/ENM850EWT: 150 x 86 x 160mm).








Warranty

3 years vendor warranty.

Specifications

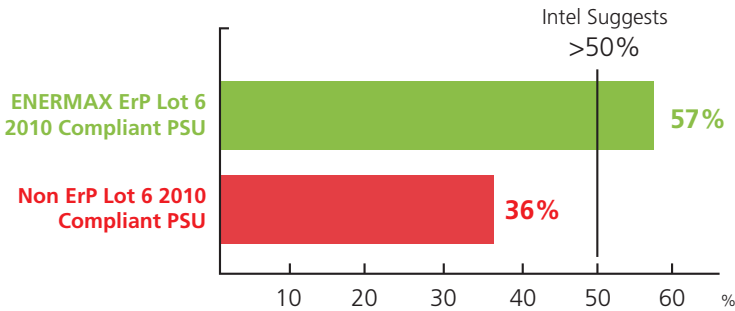
	ENP450AWT-B	ENP550AWT-B	ENP650AWT-B	ENM750AWT	ENM850EWT					
AC Input Rating										
Input Voltage	100-240 VAC, 47-63 Hz			100-240 VAC, 50-60 Hz						
Input Current	6A	8A	10A	10A	11A					
DC Output Rating										
+3.3V	25A	120W	25A	130W	25A	150W	22A	130W	28A	180W
+5V	20A		25A		25A		22A		30A	
+12V1	17A	360W (30A)	19A	456W (38A)	25A	540W (45A)	35A	648W (54A)	20A	750W (62.5A)
+12V2	17A		19A		25A		35A		20A	
+12V3	-		-		-		-		30A	
+12V4	-		-		-		-		30A	
-12V	0.8A	9.6W	0.8A	9.6W	0.8A	9.6W	0.3A	3.6W	0.8A	9.6W
+5Vsb	3A	15W	3A	15W	3A	15W	3A	15W	3A	15W
Total Power	450W		550W		650W		750W		850W	
Peak Power	495W		605W		715W		825W		935W	

Cables and Connectors

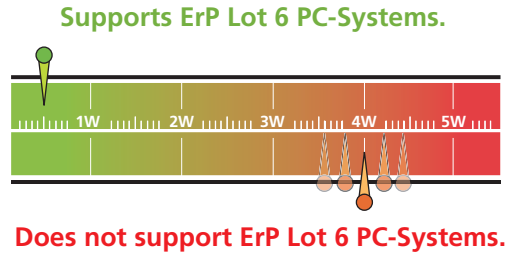
		ENP 450AWT-B	ENP 550AWT-B	ENP 650AWT-B	ENM 750AWT	ENM 850EWT
Mainboard		1x fixed 50cm	1x fixed 50cm	1x fixed 50cm	1x fixed 55cm	1x fixed 55cm
CPU 4+4 Pin		1x fixed 60cm	1x fixed 60cm	1x fixed 60cm	1x fixed 60cm	1x fixed 60cm
CPU 8 Pin		-	-	-	1x fixed 60cm	1x fixed 60cm
PCI-E 6 Pin		1x fixed 50cm	1x fixed 50cm	-	-	-
PCI-E 6+2P=8P		1x fixed 50cm	1x fixed 50cm	2x fixed 50cm	2x fixed 50cm 2x modular 50cm	2x fixed 50cm 4x modular 50cm
SATA		5x fixed	5x fixed	7x fixed	10x modular	10x modular
Molex 4P		4x fixed	4x fixed	4x fixed	5x modular	5x modular
FDD		1x fixed	1x fixed	1x fixed	1x modular	1x modular

ErP Lot 6 ready!*

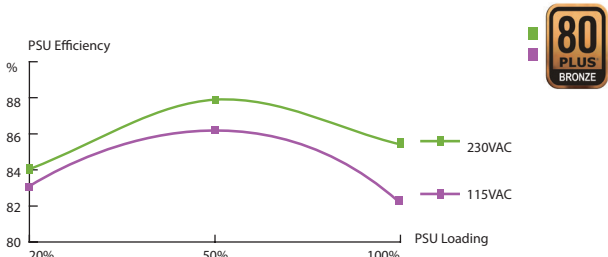
ErP Lot 6 (ErP = Energy-related Products, previously EuP = Energy-using Products) is part of the EU eco-design directive and amongst others defines the maximum power consumption of PC systems in standby mode. Following this regulation, a PC system must not consume more than 1W (from 2013 on < 0,5W). The decisive components to fulfil the ErP Lot 6 targets are the motherboard and the PSU. Enermax relies on a new circuit design, which improves the efficiency of the 5V standby rail (+5Vsb) about 20 per cent.



Except ENM700AWT and ENM85AWT

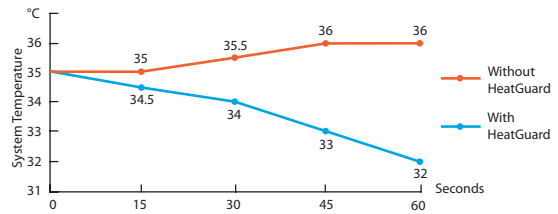


80 PLUS® Bronze**



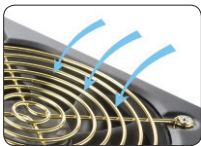
Leading technology for highest efficiency.
80 PLUS® Bronze: ENP450AWT-B, ENP550AWT-B, ENP650AWT-B, ENM750AWT, ENM850EWT

HeatGuard**



Keeping PSU fan running for 30-60 seconds after shut down to dissipate the remaining system heat (except ENP350AGT / ENP450AGT / ENP500AGT)

AirGuard*



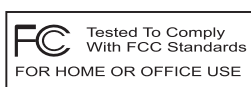
Patented air-intake with optimal aerodynamical design reduces noisy air turbulences.

SafeGuard*



Multiple protection circuitry (OVP, UVP, OPP, SCP & SIP).

Certifications & Standards*



* NAXN BASIC und NAXN82+, ** NAXN82+