GENESIS Nihon 650NM maitinimo blokas 650 W 20+4 pin ATX ATX Juoda

Gamintojas: **NATEC** · Modelis: **NGP-2367** · EAN: **5901969449853** · Prekės kodas: **974465**



71,90 €

Kaina su PVM

Be PVM: **59,42 €**

Sandėlyje

Prekė internetu
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Pagrindinės savybės

- ✓ 650 W 100 - 240 V 50/60 Hz
- ✓ Motininės plokštės maitinimo jungtis: 20+4 pin ATX
- ✓ PC ATX 80 PLUS Bronze
- ✓ Aktyvus 12 cm
- ✓ Juoda










Aprašymas

Cybenetics Silver and 80 PLUS Bronze certifications - high efficiency and culture of operation

GENESIS Nihon 650 W is a power supply that combines high energy efficiency with quiet and stable operation. This is confirmed by the 80 PLUS Bronze and Cybenetics Silver certifications. What do they tell us in practice? An average efficiency of more than 88% at 230V translates into lower

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energy losses and less heating of components even under heavy load, keeping your computer safe. In addition, the Cybenetics LAMBDA Standard++ rating indicates good operating culture and low noise levels.

Stable and future-ready with ATX 3.1 standard and powerful 12-volt line

The Nihon 650 Watt power supply is designed in accordance with the ATX 3.1 standard, so it can easily cope with the demands of modern components, including high-performance graphics cards. Support for momentarypower excursions, reaching up to 200% of the GPU’s nominal demand, allows the computer to maintain stable operation even during dynamic load changes. A powerful 12-volt line, the quality of which was confirmed in the aforementioned Cybenetics tests, is responsible for stable power supply of key components - the power supply showed very good voltage regulation and low ripple levels. This is a solid base for today’s and future configurations of your gaming PC.

12V-2x6 connector compliant with PCIe 5.1 standard

GENESIS Nihon 650 W is equipped with a state-of-the-art 12V-2x6 connector, which is the successor to the earlier 12VHPWR standard and complies with the PCIe 5.1 specification. Its improved design improves connection security and reduces the risk of incomplete cable plugging problems. In turn, the included 12+4 pin PCIe 12V-2x6 cable is made of Tinned Copper, which allows it to handle up to 450 watts of power, making the unit ready to power the most efficient compatible graphics cards using a single connector. It’s a practical solution that will work perfectly in your computer.

Japanese main capacitor = durability without compromise

When designing NIhon Series Power Supplies, we used capacitors rated for up to 105°C, including a high-end Japanese main capacitor in the primary section. Such selected components further promote stable operation of the unit, improve the durability of the power supply system and help maintain reliability during long-term loading. This is an important design element that distinguishes the power supply from the basic solutions used in budget units. At GENESIS, we do not recognize compromises.

Premium cooling thanks to FDB fan

We used a Fluid Dynamic Bearing(FDB) fan in the Nihon 650 W power supply unit, designed for quiet and long-lasting operation. This allows the unit to effectively dissipate heat under load, while maintaining a good operating culture and supporting the life of the components used. And you? You don’t worry about unnecessary noise and high temperatures.

Maximum security

At GENESIS, we realize how important security is. That’s why the Nihon 650 W offers an extensive set of protections: OCP, OPP, OTP, OVP, SCP, SIP, UVP and NLO, which support the protection of the unit and other computer components in typical emergency situations. All of this highlights the quality of workmanship and the reliability of the design, which we guarantee.

Compatibility with networks around the world

The GENESIS Nihon 650 Watt Global version supports a wide input voltage range of 100-240 V, allowing it to work with power grids used in different countries around the world. Compared to units that only support the 200-240 V range, the Global version offers greater versatility and a more extensive input circuit with APFC and noise filters that help reduce the impact of power grid interference on the power supply’s operation. And less interference means fewer problems.

Aesthetic wiring and accessories for arrangement

We’ve used knurled, round braid-like cables in Nihon power supplies that combine flexibility, durability and easy routing inside the case. The included cable combs and Velcro make it easy for you to arrange your cabling aesthetically and help keep your finished setup neat and tidy.

Techninė specifikacija

Power	
Total power	650 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Input current	8 - 4 A
Power Factor Correction (PFC) type	Active
Combined power (+3.3V)	100 W
Combined power (+12V)	648 W
Combined power (+5V)	100 W
Combined power (-12V)	3.6 W
Combined power (+5Vsb)	15 W
Max output current (+3.3V)	20 A
Max output current (+12V)	54 A
Max output current (+5V)	20 A
Max output current (-12V)	0.3 A
Max output current (+5Vsb)	3 A
Efficiency	88%
Power protection features	No load operation, Over current, Over power, Overheating, Short circuit, Surge & inrush protection (SIP), Surge & inrush, Surge and inrush, Under voltage
Ports & interfaces	
Motherboard power connector	20+4 pin ATX
Peripheral (Molex) power connectors (4-pin)	2
Motherboard power cable length	55 cm
Number of SATA power connectors	6
SATA power cable length	450,550,650 mm
Number of SATA power cables	2
Peripheral (Molex) power cable length	750 mm
PCI Express power connectors (6+2 pin)	3
PCI Express power cable length	67 cm
CPU power connector (4+4 pin)	Yes
CPU power cable length	85 cm
PCI Express connector	Yes
Number of EPS connectors	2
Cabling type	Non-Modular

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Performance	
Purpose	PC
Power supply unit (PSU) form factor	ATX
80 PLUS certification	80 PLUS Bronze
Cybenetics certification	Silver
Cybenetics noise rating	Standard++
ATX version	3.1
Noise level	24.7 dB
Bearing technology	FDB
Mean time between failures (MTBF)	80000 h
Design	
Product colour	Black
Cooling type	Active
Fan diameter	12 cm
Number of fans	1 fan(s)
Illumination	No
On/off switch	Yes
Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Packaging content	
Cables included	AC
Packaging content	User guide, Set of assembly elements, Velcro bands, Cable combs
Certificates	
Compliance certificates	CE, RoHS, UKCA
Weight & dimensions	
Width	150 mm
Depth	140 mm
Height	86 mm
Weight	1.96 kg
Packaging data	
Package width	240 mm
Package depth	290 mm
Package height	125 mm
Package weight	2.36 kg

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Logistics data	
Country of origin	China
Matmenys ir svoris	
Matmenys (I × P × A)	10,00cm × 10,00cm × 10,00cm
Svoris	2,36kg

Dokumentai ir vaizdo įrašai

- Greitos pradžios vadovas
- CE ženklinimas

Gamintojo ir saugos informacija

GAMINTOJAS

IMPAKT S.A.
Stanisława Lema 16, 62-050 Mosina, PL
en.impakt.com.pl

PLATINTOJAS

MB KOMPIUTERIŲ GURU
V. Nagevičiaus g. 3, LT-08237 Vilnius
info@shopro.lt

Saugos dokumentai

- CE ženklinimas