



Features

The Nfortec **Scutum X** power supply is designed to offer reliability and performance in any gaming or professional team that requires stable power delivery. With **80+ Bronze** certification and a **semi-modular** design, it combines efficiency, safety and ease of assembly, ensuring a constant energy flow with optimized consumption.

RELIABLE PERFORMANCE

The Scutum X series is available in **650W, 750W and 850W** versions, covering from mid-range configurations to more demanding setups. Its unique +12V rail guarantees stability under high loads and compatibility with current graphics cards and processors.

SEMI-MODULAR DESIGN

With a semi-modular wiring system, it allows you to maintain a tidier interior of the chassis by installing only the necessary cables. This improves space management, airflow, and equipment aesthetics.

CERTIFIED EFFICIENCY

Thanks to its **80+ Bronze** certification, it achieves an efficiency of up to 85% at medium loads, reducing energy losses and improving thermal stability.

ESSENTIAL PROTECTIONS

The Scutum X includes a set of protections that preserve the safety of all connected components: **OVP, SCP, UVP and OPP**, against overvoltage, short circuits, undervoltage and overload.

QUIET OPERATION

Equipped with a **140 mm fan with thermal control**, it automatically regulates the speed to offer a balance between cooling and silence, maintaining a more comfortable environment in long sessions of use.

Technical Specifications

GENERAL SPECIFICATIONS

Model No.: SCUTUM X
 Certification: 80 Plus Bronze
 Semi-modular: Yes
 Format: ATX
 Material: Galvanized Steel (SGCC) 0.6mm
 Power versions: 650W, 750W, 850W
 Fan Type: 140mm, Standard Bearing
 Product dimensions (LxWxH): 160 × 150 × 86 mm

VENTILATION

Diameter: 140 mm
 Number of fans: 1

ENERGY CONTROL

AC Input Voltage: 100 – 240 V
 AC Input Frequency: 50 – 60 Hz
 Input Current:
 Scutum X 650W: 6 A
 Scutum X 750W: 7 A
 Scutum X 850W: 9 A
 Combined power 3.3V + 5V: 90 W
 Maximum Output Current (+3.3V): 15 A
 Maximum Output Current (+5V): 15 A
 Maximum Output Current (+12V):
 Scutum X 650W: 49 A (588 W)
 Scutum X 750W: 57 A (684 W)
 Scutum X 850W: 64 A (768 W)
 Maximum Output Current (-12V): 0.5 A
 Maximum output current (+5Vsb): 2.5 A

Output

Maximum combined power 12V:
 Scutum X 650W: 650W total
 Scutum X 750W: 750W total
 Scutum X 850W: 850W total

PROTECTIONS

OVP (Surge Protection)
 SCP (Short Circuit Protection)
 UVP (Undervoltage Protection)
 OPP (Overload Protection)

DIMENSIONS

Packaging (LxWxH): 180 × 86 × 153 mm
 Weight:
 Scutum X 650W: 1.6 kg
 Scutum X 750W: 1.65 kg
 Scutum X 850W: 1.7 kg
 Warranty: 5 years

CONNECTORS

- 1 x 24-pin motherboard connection (fixed)
- 2 CPU connections (fixed)
- 2 for graphics card or PCIE (modular)
- 5 SATA connections (modular)
- 2 x MOLEX connections (+ 1 additional for FLOPPY) (modular)

Package Contents

- Nfortec Scutum X
- Storage bag with modular cables
- EU Power Cord
- QR manual card
- Installation screws

Product Code

Scutum X 650W	NF-PSU-SCUTUMX-SM-650W	8435443721151 (EAN)
Scutum X 750W	NF-PSU-SCUTUMX-SM-750W	8435443721168 (EAN)
Scutum X 850W	NF-PSU-SCUTUMX-SM-850W	8435443721175 (EAN)



