

Sharkoon



# SILENT STORM

## ICEWIND EDITION



## FEATURES

### ATX 2.4

Supports Haswell, Skylake and Kaby Lake plus the latest Intel and AMD processor systems.

### Higher Energy Efficiency

This power supply is "80 PLUS Bronze" certified and meets all requirements with an efficiency of at least 85% under 50% load, and 82% under both 20% and 100% loads.

### DC-to-DC Technology

With its DC-to-DC technology, all additional voltages are generated from the 12 V rail. This leads to increased efficiency, reduced susceptibility and constant voltage stability. C6/C7 energy saving mode is also possible for use.

### Cable Management

The semi-modular cable management, textile braided cables and practical cable combs always ensure an organized case interior.

### 135 mm Fan

Operating noise is effectively reduced due to the 135 mm fan.

### PCIe Connectors

The 550 Watt model is equipped with two 6+2-pin PCIe connectors. The 650 and 750 Watt models are equipped with four 6+2-pin connectors.

### Protections

The SilentStorm Icewind is equipped with the protective functions Over Power Protection (OPP), Over Temperature Protection (OTP), Over Voltage Protection (OVP), Under Voltage Protection (UVP), Over Current Protection (OCP) and Short Circuit Protection (SCP).

### Warranty

3 year warranty



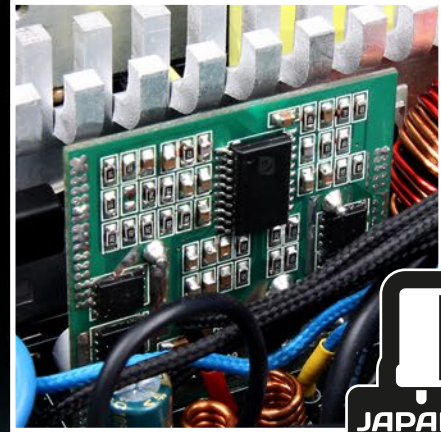


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### DC-TO-DC TECHNOLOGY

With typical AC/DC power supplies, the individual rail voltages are generated in one step from the main voltage. As a result, all voltages during load changes are interdependent. DC-to-DC technology puts more emphasis on 12 V rails, which is why only a 12 V voltage is generated from the main voltage. All other voltages are then derived from this 12 V voltage. As a result, the SilentStorm Icewind benefits from increased voltage stability since the other voltages are not affected by load changes of the 12 V rail.



135 mm Fan



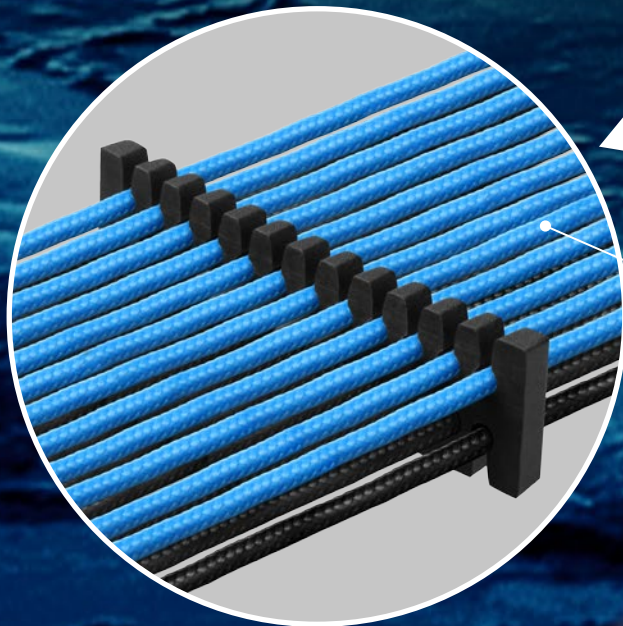


# ALWAYS TIDY

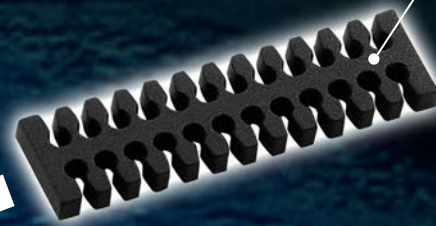
The textile braided cables in black and ice blue are not just an eye-catcher, except for the firmly soldered 24-pin mainboard cable and 4+4-pin CPU cable, they are kept intentionally modular. This ensures that the case stays tidy. A cable with three 4-pin IDE connectors as well as three cables with three SATA connectors are included; an extra two PCIe cables with a 6+2-pin connector is provided in the 550 Watt version. The 650 and 750 Watt versions connect via its two PCIe cables, each with two 6+2-pin connectors.

The modular cables not being used can be easily stored in the included cable bag. Practical cable combs also ensure order.

**Practical  
Cable Combs**



**Textile Braided  
Cables**



**Helpful  
Cable Bag**







# CONNECTION POSSIBILITIES AND CABLE DIAGRAM

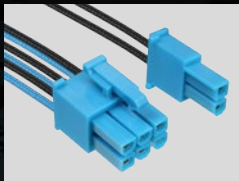
650 Watt and 750 Watt Versions



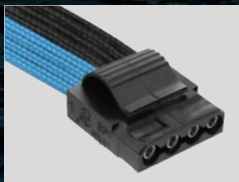
1x 24-Pin Mainboard Connector



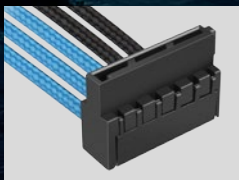
1x 4+4-Pin CPU Connector



4x 6+2-Pin PCIe Connectors



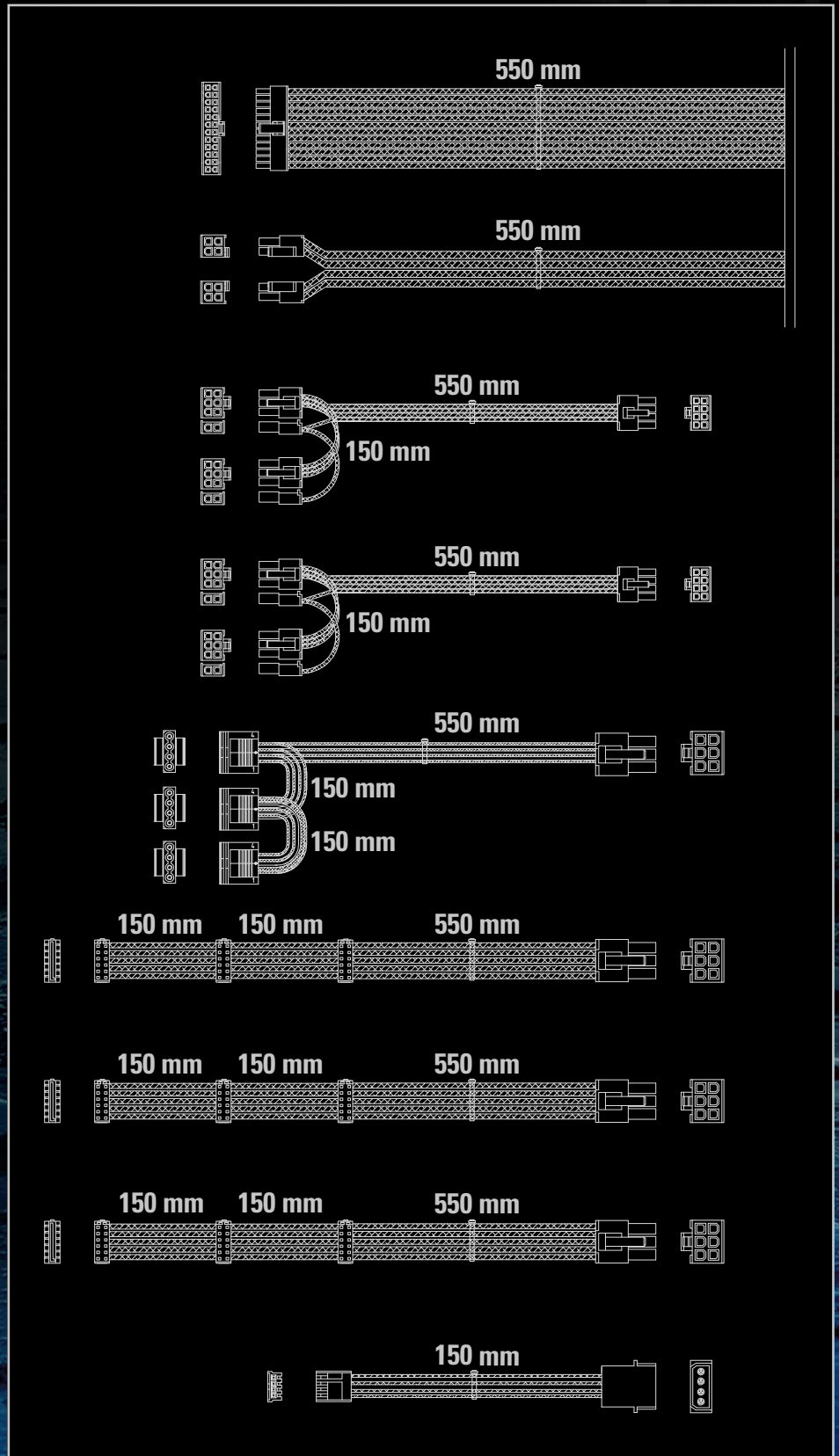
3x IDE Connectors



9x SATA Connectors



1x Floppy Connector





# SPECIFICATIONS

Model No.	SilentStorm Icewind 550 Watt				
	Input Voltage		Current	Frequency	
Input (AC)	100 - 240 VAC		8 A	50 - 60 Hz	
	+3.3 V	+5 V	+12 V	-12 V	+5 Vsb
Output (DC)	+3.3 V	+5 V	+12 V	-12 V	+5 Vsb
Max. Output Current	20 A	20 A	45.9 A	0.3 A	2.5 A
Max. Combined Power	105 W		550 W	3.6 W	12.5 W
Total Power	550 W				

Model No.	SilentStorm Icewind 650 Watt				
	Input Voltage		Current	Frequency	
Input (AC)	100 - 240 VAC		10 A	50 - 60 Hz	
	+3.3 V	+5 V	+12 V	-12 V	+5 Vsb
Output (DC)	+3.3 V	+5 V	+12 V	-12 V	+5 Vsb
Max. Output Current	22 A	22 A	54.2 A	0.3 A	2.5 A
Max. Combined Power	120 W		650 W	3.6 W	12.5 W
Total Power	650 W				

## Protections

With Over Power, Over Temperature, Over and Under Voltage, Over Current and Short Circuit Protections, the SilentStorm Icewind will automatically switch off to protect the hardware.

## Safety Certifications

The SilentStorm Icewind is tested and complies with CE, FCC and CB safety certifications.

Model No.	SilentStorm Icewind 750 Watt				
	Input Voltage		Current	Frequency	
Input (AC)	100 - 240 VAC		12 A	50 - 60 Hz	
	+3.3 V	+5 V	+12 V	-12 V	+5 Vsb
Output (DC)	+3.3 V	+5 V	+12 V	-12 V	+5 Vsb
Max. Output Current	22 A	22 A	62.5 A	0.3 A	2.5 A
Max. Combined Power	120 W		750 W	3.6 W	12.5 W
Total Power	750 W				







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Dimensions (L x W x H):  
160 x 150 x 86 mm

### Package Contents

- SilentStorm Icewind
- Power cord
- Set of modular cables
- Cable combs
- Mounting screws
- Cable bag
- Manual

### Retail Package

Dimensions (L x W x H):  
325 x 210 x 100 mm  
Weight: 2.8 kg

### Shipment Box

Packing unit: 5  
Dimensions (L x W x H):  
530 x 345 x 230 mm  
Weight: 14.3 kg  
Customs tariff no: 85044030  
Country of origin: China

SilentStorm Icewind 550 Watt



SilentStorm Icewind 650 Watt



SilentStorm Icewind 750 Watt

