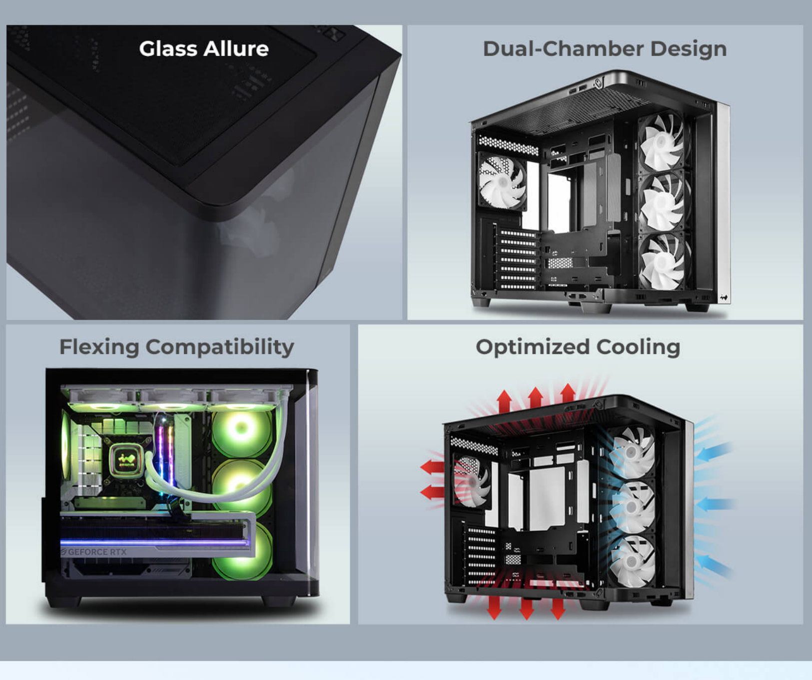


Observe the Curve

Upgrade your build with a panoramic curved glass panel that slides forward for safer removal and a clean, frameless aesthetic. Paired with a silver-accented matte front strip, the W31 embodies elegance to the PC building experience.

Master Cooling

Worried about overheating under high workloads? The Dual chamber structure isolates the PSU and the GPU to maximize cooling performance and maintain system stability.

Conquer Cable Clutter

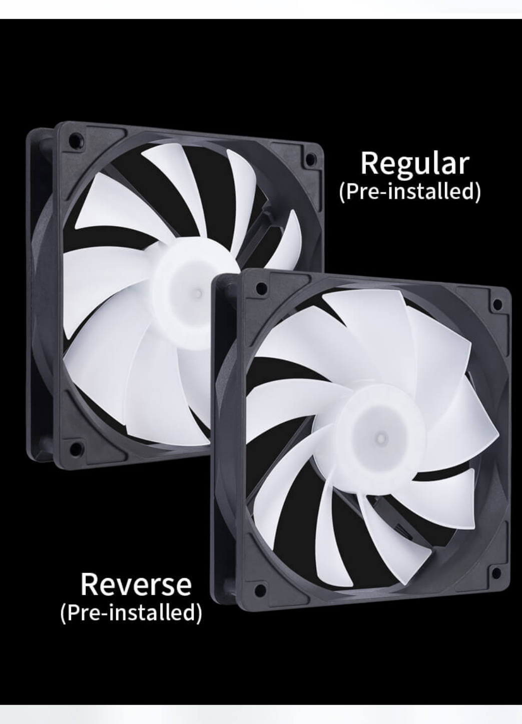
Built-in cable routing holes and a spacious 45 mm cable routing area keep wires neat and organized.

Flow of Vortex's Glow

InWin elevates airflow aesthetics with its new reverse-blade fan concept.

Three VORTEX reverse-blade ARGB fans on the side draw in cool air while showcasing stunning lighting. A rear standard-blade fan exhausts warm air to complete the air cycle.

Supports up to ten fans and 280/360 mm radiators. The W31 delivers robust cooling with a precise PWM controller and full-mesh side panel.



Model VORTEX	VORTEX	
Style	Regular Blade	Reverse Blade
Model Number	IW-FN-VX120-1PK	IW-FN-VX120-RB-1PK
Color	Black	
Fan Size	120 x 120 x 25 mm	
Materials	PBT, PC	
Rated Voltage	DC 12V	
Rated Power	2.76W	
Rated Current	0.23A	
ARGB Rated Voltage	DC 5V	
ARGB Rated Power	1.45W	
ARGB Rated Current	0.29A	
Speed Mode PWM	PWM 600 - 1600 RPM	
Air Flow	66.37 CFM 63.89 CFM	
Air Pressure	1.4 mm / H2O 1.05 mm / H2O	
LED	Addressable RGB	
Connector to M/B	4-Pin (12V, PWM), 3-Pin (5V, ARGB)	
Noise Level	31.7 dB(A)	37.2 dB(A)
Bearing Type	Hydro Bearing	

* InWin's products comply with RoHS regulations.
* Specifications may vary based on different regions.

Modular Convenience

The W31's modular features support mainstream hardware standards, accommodating high-performance GPUs up to 410mm, PSUs up to 240mm, and 7 expansion slots for versatile builds.

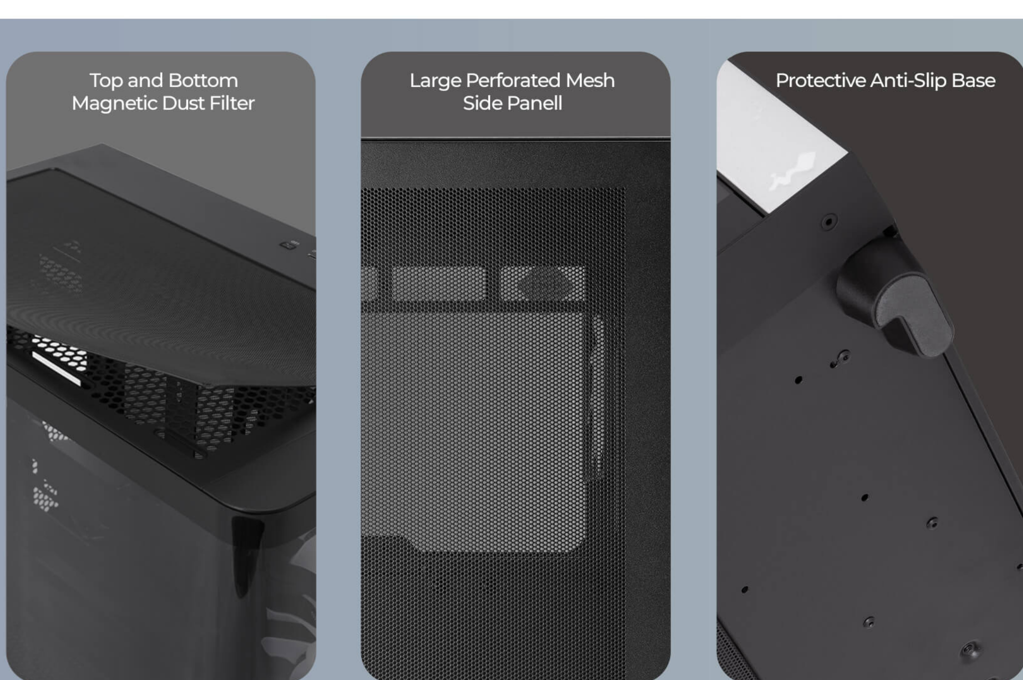
* Supports ASUS, GIGABYTE and MSI Back-Connector motherboards.

Tool-Less Panel Design

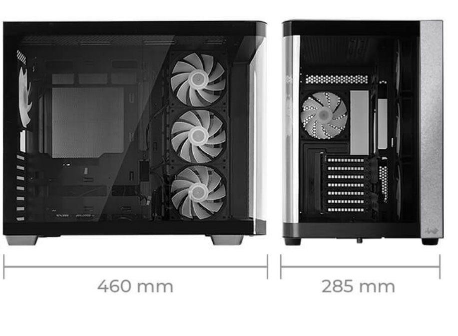
Both glass and metal side panels feature a thumbscrew design, enabling effortless installation and easy maintenance, while giving off a clean, minimalistic aesthetic.

All–in-One I/O Port

Equipped with two USB 3.2 Gen 1 ports and one 20 Gb/s USB 3.2 Gen 2 Type-C port, delivering high- speed connectivity for your devices.



Specifications

Model	W31
Model Number	IW-CS-W31BLK-4VX120
Color	Black
Case Type	Mid Tower
Materials	Tempered Glass, SPCC
M/B Compatibility	ATX, Micro-ATX, Mini-ITX
Expansion Slots	7x PCIe
Maximum Compatibility	GPU Length: Up to 410 mm CPU Heatsink Height: 160 mm
I/O Ports	1 x USB 3.2 Gen 2x2 Type-C 2 x USB 3.2 Gen 1 HD Audio Reset Button LED Lighting Control Switch Power Button
Internal Drive Bays	1 x 3.5" & 2 x 2.5" 1 x 3.5" / 1 x 2.5"
Thermal Solution Compatibility	**Air Cooling Fans:** Top: 3 x 120 / 2 x 140 mm Rear: 1 x 120 mm (1 InWin VX120 Fan Pre-Installed) Side: 3 x 120 / 2 x 140 mm (3 InWin VX120-RB Fans Pre-Installed) Bottom: 3 x 120 mm **Water Cooling Radiators:** Top: 1 x 280/ 360 mm Rear: 1 x 120 mm Bottom: 1 x 240 / 360 mm Side: 1 x 240 / 280 mm
Power Supply Compatibility	PSII : ATX12V - Length up to 240 mm
Product Dimension (L x W x H)	460 x 285 x 400 mm 18.11 x 11.22 x 15.75"
Package Dimension (L x W x H)	455 x 378 x557 mm 17.91 x 14.88 x 21.93"
Net Weight	7.07 kg / 15.59 lbs
Gross Weight	8.67 kg / 19.11 lbs

* InWin's products comply with RoHS regulation.
* Specifications may vary based on different regions.