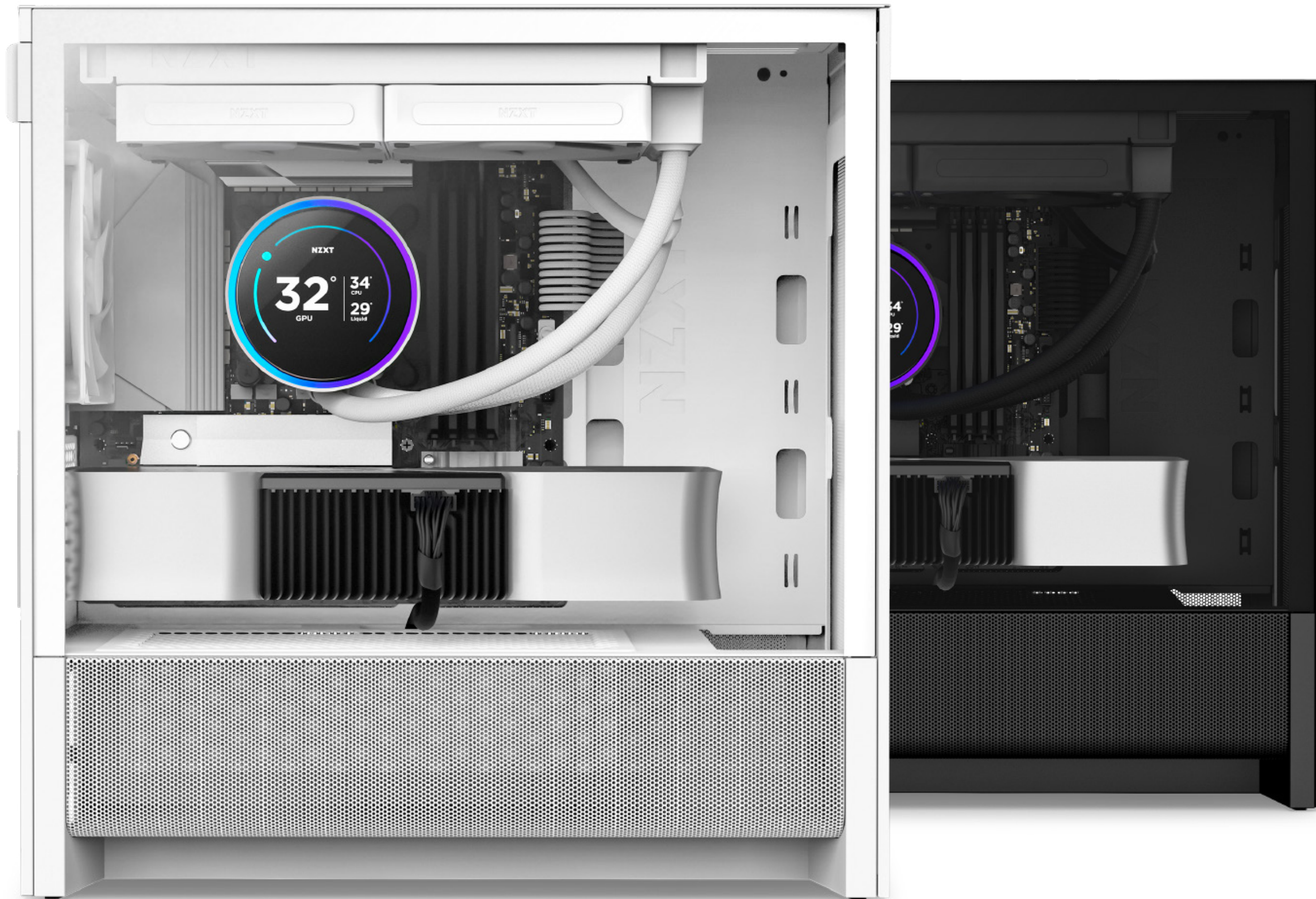


NZXT

H3 FLOW

MICRO-ATX AIRFLOW CASE





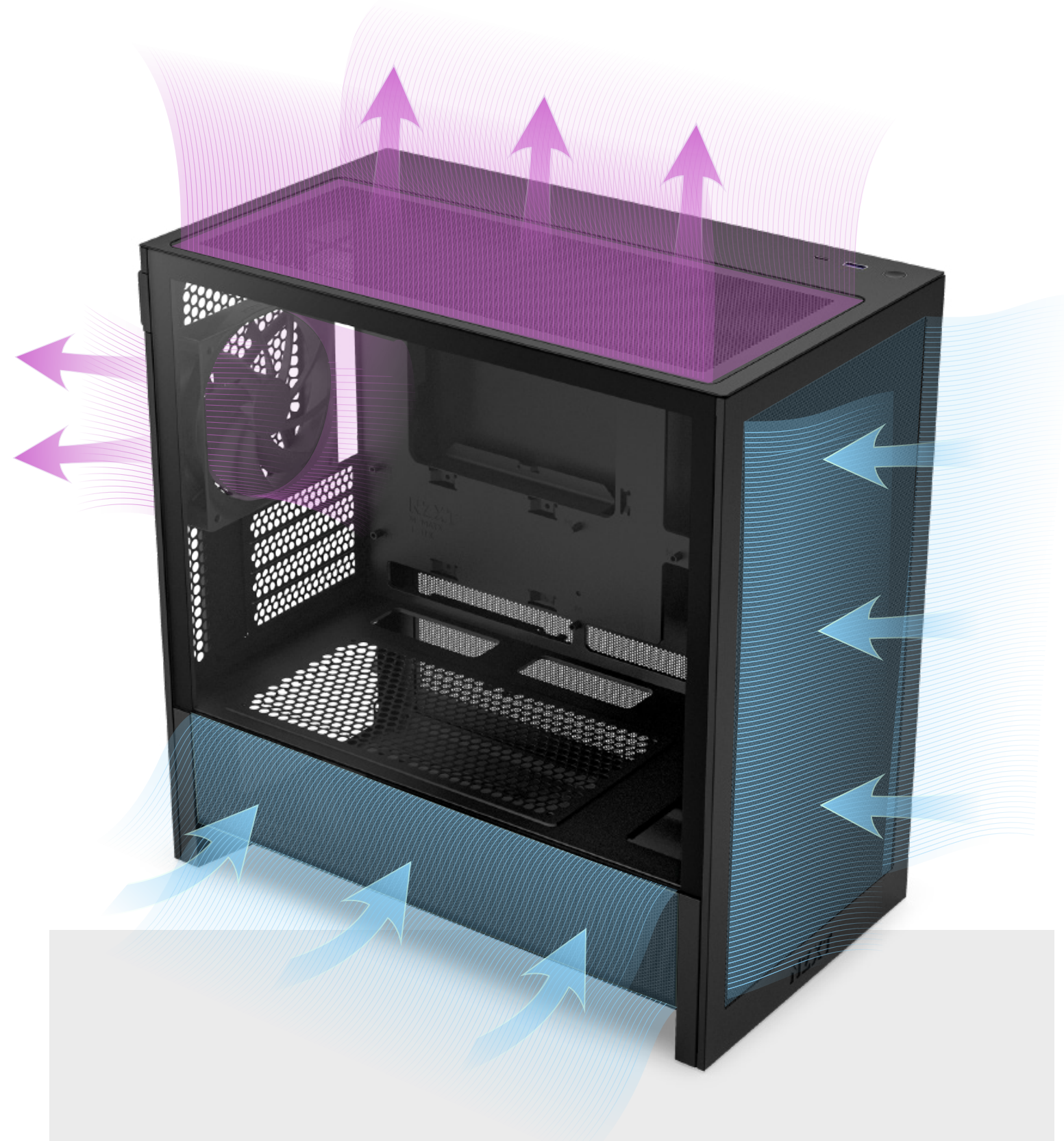
ABOUT THE PRODUCT

The H3 Flow micro-ATX case delivers high-performance cooling in a compact form factor. Its optimized airflow design, achieved through mesh panels and a ventilated PSU shroud, keeps components cool. With support for full-size GPUs and a 280 mm front radiator, the H3 Flow delivers big performance in a smaller footprint—ideal for builders who refuse to compromise.



COMPACT POWERHOUSE

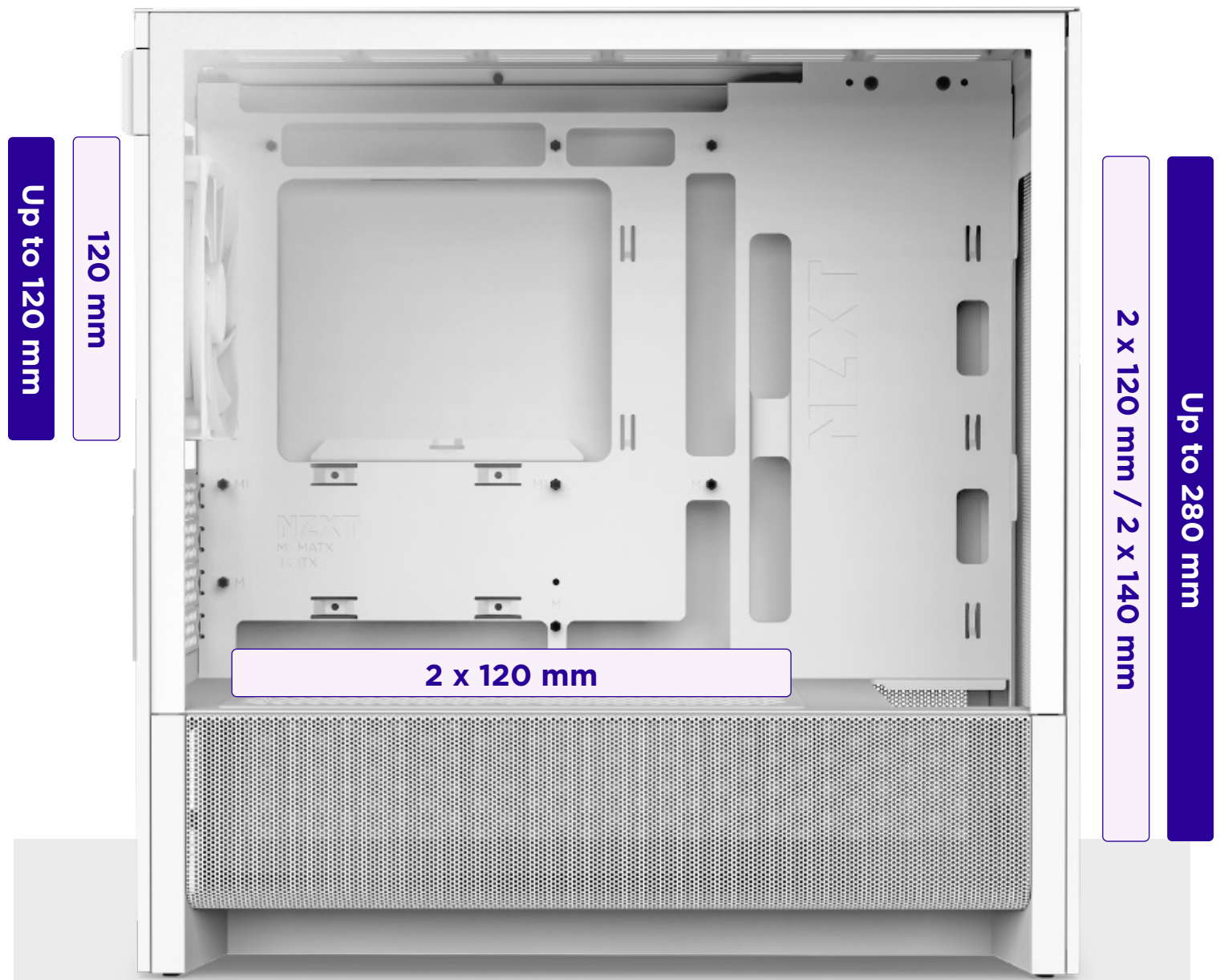
A space-efficient micro-ATX chassis accommodates high-performance components without compromise.



HIGH-AIRFLOW DESIGN

Ultra-fine mesh panels and a ventilated PSU shroud maximize airflow while filtering dust.

RADIATOR Up to 240 mm
FAN 2 x 120 mm / 2 x 140 mm



OPTIMIZED COOLING SUPPORT

Supports up to a 280 mm front radiator, a 240 mm top radiator, and seven fans for powerful cooling.



FULL-SIZE GPU CLEARANCE

Supports GPUs up to 377 mm (without front fans), 352 mm (with front fans), and 317 mm (with a front radiator and fans).

Note: Includes a clearance buffer: front fans require ~25 mm, and a radiator with fans requires ~60 mm.



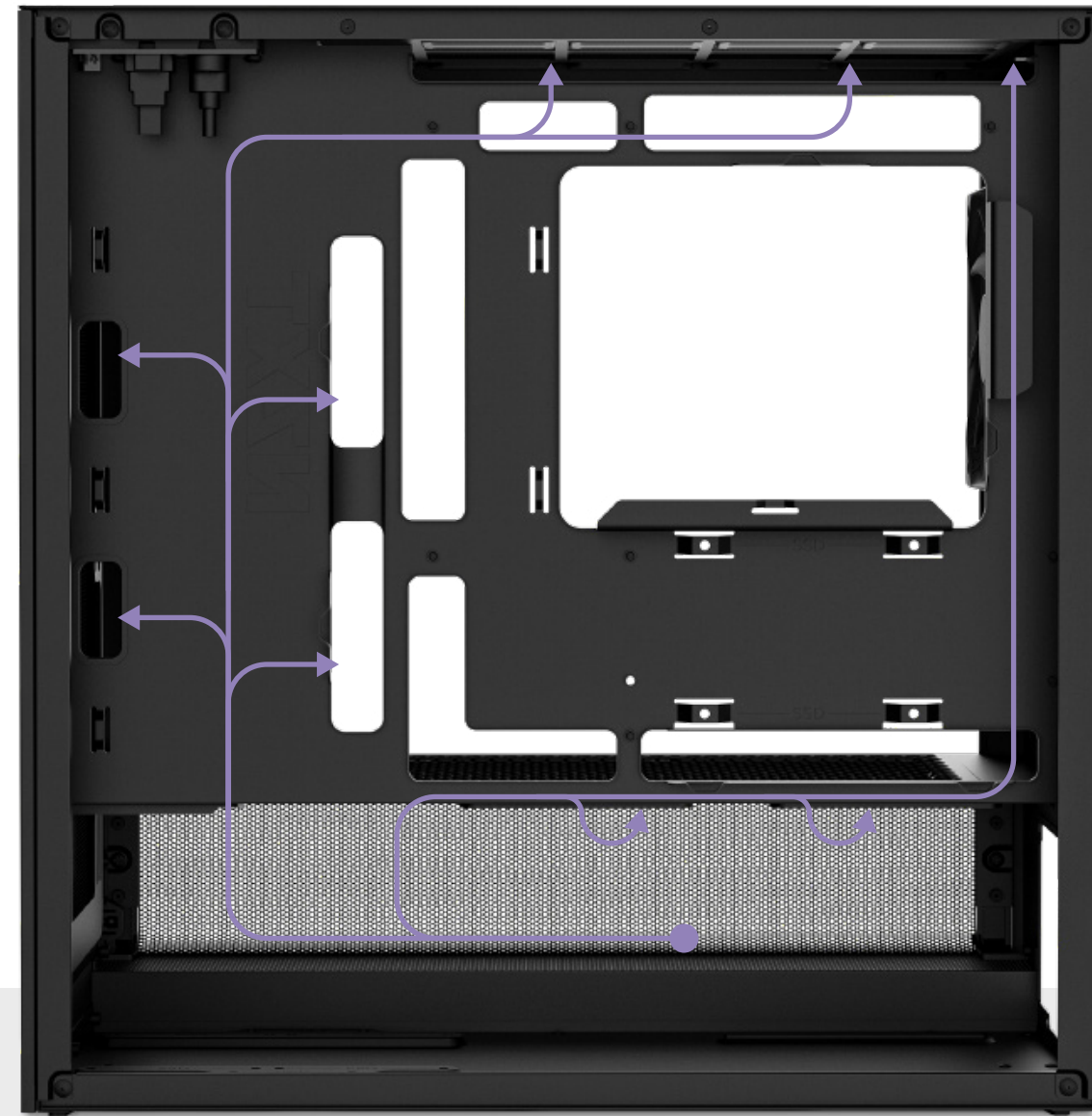
PRE-INSTALLED REAR FAN

Equipped with an F120Q (CV) fan for efficient rear exhaust right out of the box.



SLEEK & STURDY

A high-quality steel chassis and tempered glass panels ensure lasting durability with a premium aesthetic.



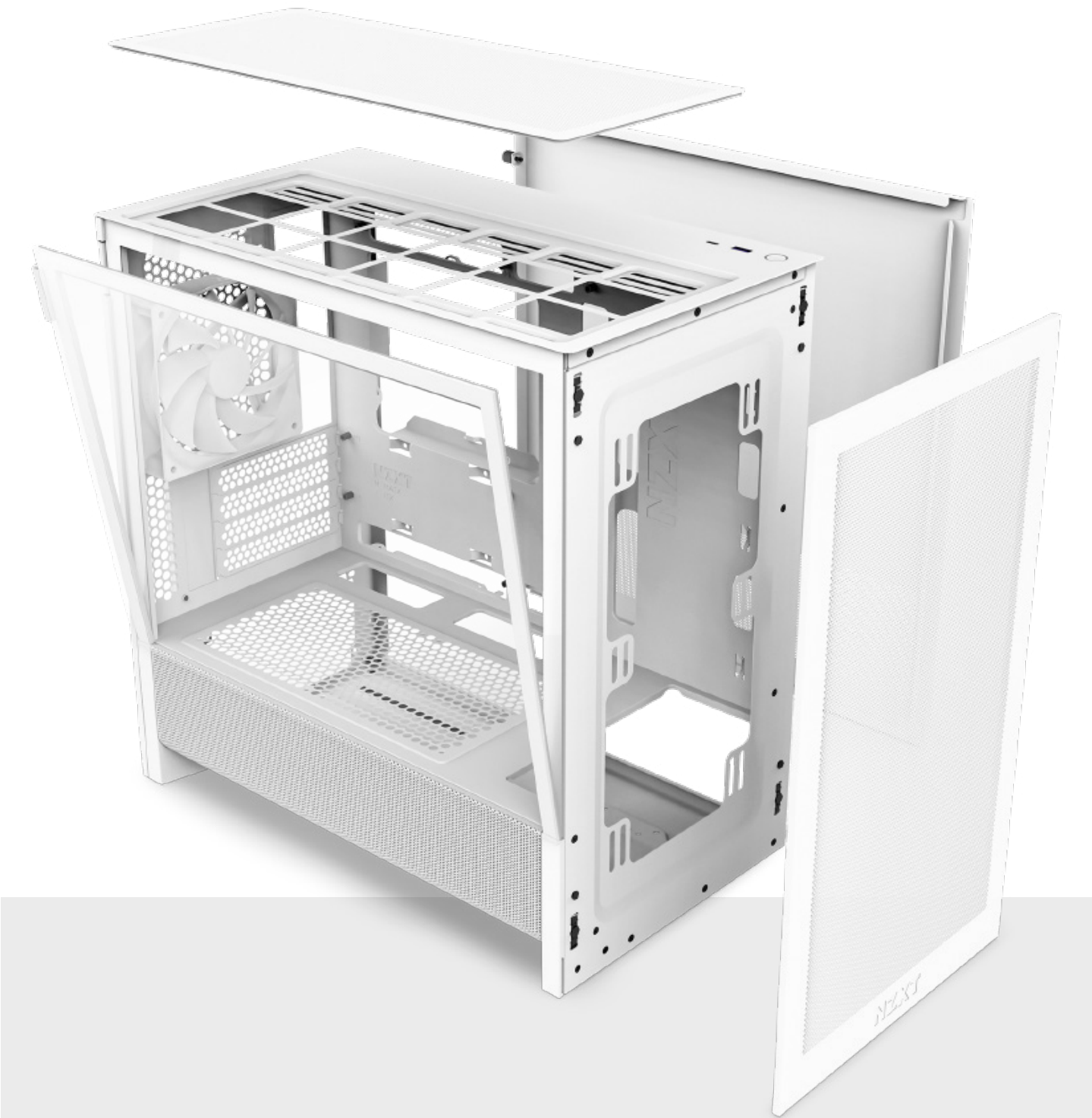
EFFORTLESS CABLE MANAGEMENT

Integrated channels and tie-down points simplify cable management for a clean, organized build.



BACK-CONNECT MOTHERBOARD SUPPORT

Full compatibility with ASUS, Gigabyte, and MSI back-connect motherboards enables a clean, cable-free aesthetic.

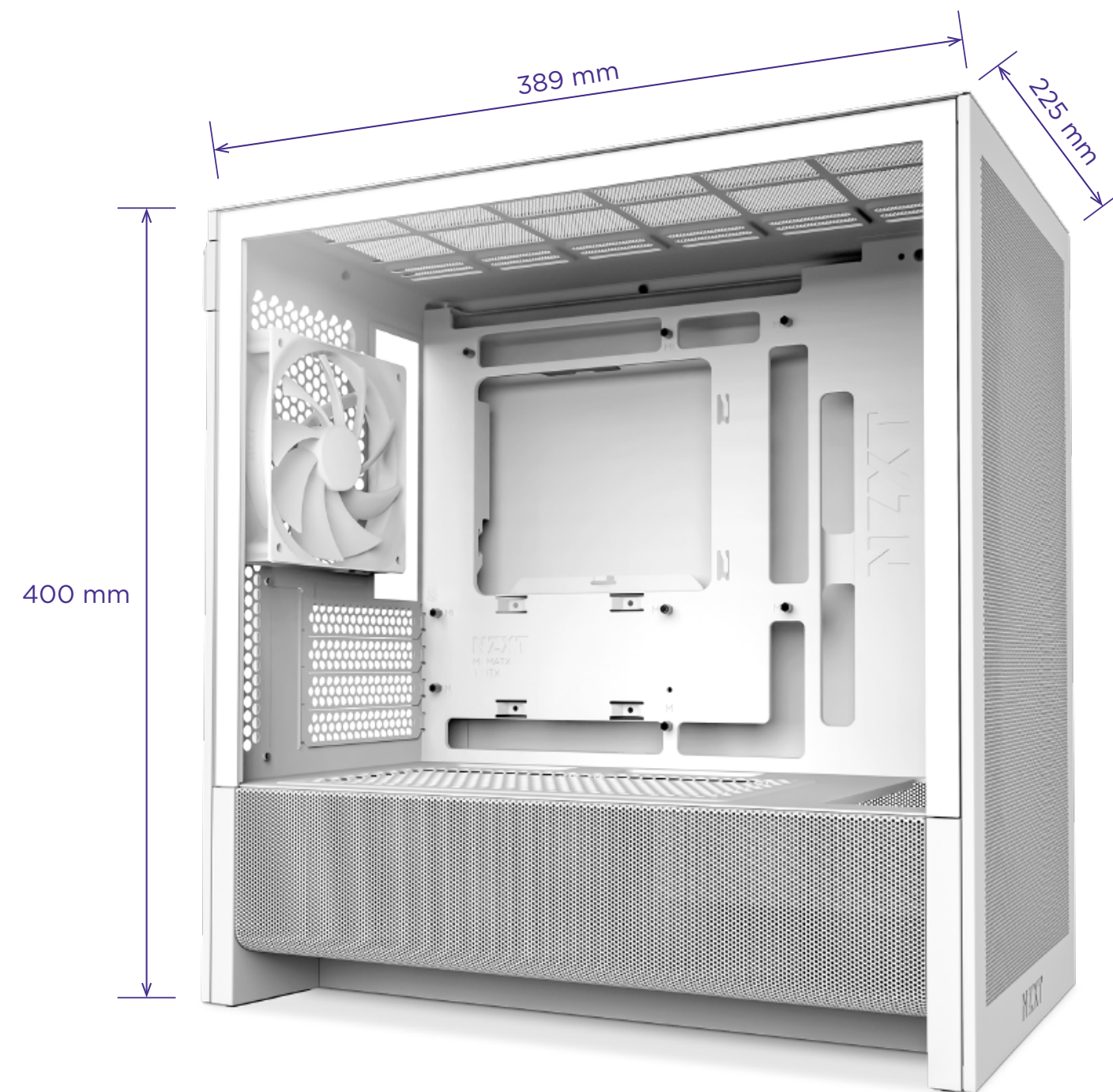


TOOL-FREE ENTRY

Removable top, front-right, and side panels allow easy access for upgrades and cleaning—no tools required.

SPECIFICATIONS

White
 Black



H3 Flow

SPECIFICATIONS	
Dimensions(WxHxD)	225 x 400 x 389 mm
Weight	4.8 kg
GENERAL	
Enclosure Type	Mid-Tower
Motherboard Compatibility	Micro-ATX, Mini-ITX
Supports Rear-Connecting Motherboards (BTF, Project Zero)	Yes (Micro-ATX)
Materials	SGCC steel, clear tempered glass (white), tinted tempered glass (black)
CLEARANCE	
CPU Cooler Height	170 mm
GPU Length	Up to 377 mm (without front fans), Up to 352 mm (with front fans), Up to 317 mm (with front radiator and fans)
PSU Length	Up to 185 mm
Cable Routing Space	Up to 31.5 mm
Front Radiator + Fan Thickness	Up to 63 mm
Top Radiator + Fan Thickness	Up to 70 mm
FRONT I/O PORTS	
USB 3.2 Type-A	1
USB 3.2 Gen2x2 Type-C	1
EXPANSION SLOTS	
Standard	4
Vertical	0
DRIVE BAYS	
2.5"	1+2
3.5"	1
FAN SUPPORT	
Front	2 x 120 mm / 2 x 140 mm
Top	2 x 120 mm / 2 x 140 mm
Bottom	2 x 120 mm
Rear	1 x 120 mm (1 x F120Q CV included)
RADIATOR SUPPORT	
Front	Up to 280 mm
Top	Up to 240 mm
FAN SPECS	
Model	F120Q (CV)
Speed	1,350 ± 150 RPM
Airflow	60.2 CFM
Static Pressure	1.05 mm-H ₂ O
Noise	24.1 dBA
Fan Connector	3-pin
WARRANTY	2 years

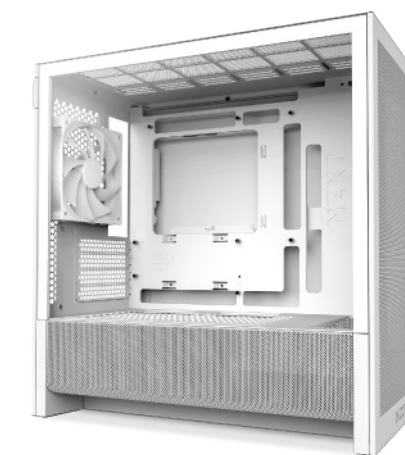
PACKAGING INFO



H3 Flow

H3 Flow (Paper Structure)

CARTON (RETAIL BOX)		
Dimensions	490 x 302 x 475 mm	
Units Per Carton	1 pc	
Volume	2.48 ft ³	
Net Weight	5.017 kg	
Gross Weight	6.729 kg	7.445 kg
SEA SHIP W/O PALLET		
20GP	352 cartons	
40GP	732 cartons	
40HQ	915 cartons	
SEA SHIP WITH PALLET		
20GP (Cartons X Pallet)	28 cartons x 10 pallets = 280 cartons	
40GP (Cartons X Pallet)	28 cartons x 21 pallets = 588 cartons	
40HQ (Cartons X Pallet)	28 cartons x 21 pallets = 588 cartons	
AIR SHIP WITH PALLET		
Pallet size (LxWxH)	120 x 100 x 158 cm	
	21 cartons/pallet	



H3 Flow - White



H3 Flow - Black

	Normal Packaging	Paper Structure	Normal Packaging	Paper Structure
MODEL	CC-H31FW-01	CC-H31FW-02	CC-H31FB-01	CC-H31FB-02
EAN	5056547207971	5056547203393	5056547207988	5056547203409
UPC	810074848039	810074843508	810074848046	810074843515

PRODUCT GALLERY

White











PRODUCT GALLERY

Black



COMPARISON CHART

BRAND	NZXT	Cooler Master	Cooler Master	Deepcool	Thermaltake	Thermaltake	Antec	ASUS
Product Name	H3 Flow	MasterBox Q300L v2	MasterBox Q300L	MACUBE 110	Versa H17	S100 TB	NX200 M	Prime AP201
Product Image								
Pricing								
Global MSRP	\$69.99	\$57.99	\$49.99	\$64.99	\$49.99	\$69.99	\$64.99	\$84.99
Specification								
Motherboard Support	Micro-ATX, Mini-ITX	Micro-ATX, Mini-ITX	Micro-ATX, Mini-ITX	Micro-ATX, Mini-ITX	Micro-ATX, Mini-ITX	Micro-ATX, Mini-ITX	Micro-ATX, Mini-ITX	Micro-ATX, Mini-ITX
Enclosure Type	MicroATX Mid-Tower	MicroATX Mid-Tower	MicroATX Mid-Tower	MicroATX Mid-Tower	MicroATX Mid-Tower	MicroATX Mid-Tower	MicroATX Mid-Tower	MicroATX Mid-Tower
Case Material		Steel, plastic	Steel, plastic, Tempered Glass	Steel, plastic, Tempered Glass	Steel, plastic	Steel, plastic, Tempered Glass	Steel, plastic, Tempered Glass	
Dimensions (mm) (HxWxD)	400 x 225 x 389 mm	383 x 230 x 387 mm	381 x 230 x 387 mm	431 x 225 x 400 mm	398 x 205 x 438 mm	441 x 220 x 411 mm	390 x 200 x 351 mm	350 x 205 x 460
Weight (kg)	TBD	-	-	6.2 kg	4.5 kg	6.1 kg	3.51 kg	5.8 kg
Liters	35L	34 L	33.9 L	38.8 L	35.7 L	39.9 L	27.4 L	33 L
Footprint	875 cm ²	890 cm ²	890 cm ²	900 cm ²	898 cm ²	904 cm ²	702 cm ²	943 cm ²
Compatibility & Clearance								
Max CPU Cooler Height	160mm	159mm	159mm	165mm	155mm	165mm	150mm	170mm
Max GPU Length	Up to 377 mm (without front fans) Up to 352 mm (with front fans) Up to 317 mm (with front radiator and fans)	360mm	360mm	320mm	350mm (without front fan)	330mm	275mm	338mm
Cable Management Clearance	N/A	28mm	N/A	20mm	-	-	-	32mm
PSU Clearance		ATX	ATX	160mm, ATX	220mm, ATX	160mm, ATX	150mm, ATX	180mm
Front I/O Ports								
USB 2.0	-	-	-	-	2	2	2	-
USB 3.2 Gen 1 Type-A	1	2	2	2	1	1	1	2
USB 3.2 Gen 1 Type-C	1	1	-	-	-	-	-	1
Headset Audio Jack	-	1	1	1	1	1	1	1+1
Expansion Slots								
Standard	4	4	4	4	4	4	4	4
Riser Cable	-	-	-	-	-	-	-	-
Drive Bays								
2.5"	2	2	2	2	2	2+2	2	1+3
3.5"	-	1	1	2	2	2	1	3
5.25"	-	-	-	-	-	-	-	-
Fan Support								
Front	2 x 120mm / 2 x 140mm	2 x 120mm / 2 x 140mm	2 x 120mm / 2 x 140mm	3 x 120mm / 2 x 140mm	3 x 120mm / 2 x 140mm	3 x 120mm / 2 x 140mm	2 x 120mm / 2 x 140mm	-
Top	2 x 120mm	2 x 120mm	2 x 120mm	2 x 120mm / 2 x 140mm	1 x 120mm / 1 x 140mm	"2 x 120mm / 2 x 140mm / 1 x 200mm"	2 x 120mm	3 x 120mm / 2 x 140mm
Rear	1 x 120mm (1 x 120mm included)	1 x 120mm (1 x 120mm included)	1 x 120mm (1 x 120mm included)	1 x 120mm (1 x 120mm included)	1 x 120mm	1 x 120mm	1 x 120mm (1 x 120mm included)	1 x 120mm (1 x 120mm included)
Bottom	-	1 x 120mm	-	-	-	-	-	3 x 120mm
Side	-	-	-	-	-	-	-	-
Radiator Support								
Front	Up to 280mm	Up to 240mm	Up to 240mm	Up to 280mm	Up to 280mm	Up to 280mm	Up to 240mm	-
Top	Up to 240mm	-	-	Up to 280mm	-	Up to 280mm	-	Up to 360mm
Rear	120mm	120mm	120mm	120 mm	140 mm	120mm	120 mm	120 mm
Bottom	2 x 120mm	-	-	-	-	-	-	-
Side	-	-	-	-	-	-	-	-
Dust Filters	4, Bottom x 2, front x 1, top x 1	Front, Top, Bottom	3 x filters	-	-	-	Bottom	3 x filters
Warranty (Years)	2	2	2	-	-	-	1	-