

NZXT

F120Q | F140Q

120MM QUIET AIRFLOW PWM CASE FAN
140MM QUIET AIRFLOW PWM CASE FAN





ABOUT THE PRODUCT

NZXT Quiet Airflow Fans deliver high-performance, low-noise PC cooling, whether used for intake or exhaust.

Airflow-optimized blades and a chamfered frame move large amounts of concentrated air. Fluid dynamic bearings and PWM control ensure whisper-quiet, efficient operation that stands the test of the time.



AIRFLOW MASTERY

Nine sickle-style blades provide powerful airflow for both intake or exhaust. Minimal blade-to-frame gap leads to better performance, while the chamfered frame directs air for concentrated cooling.



SILENT. SMOOTH. STABLE.

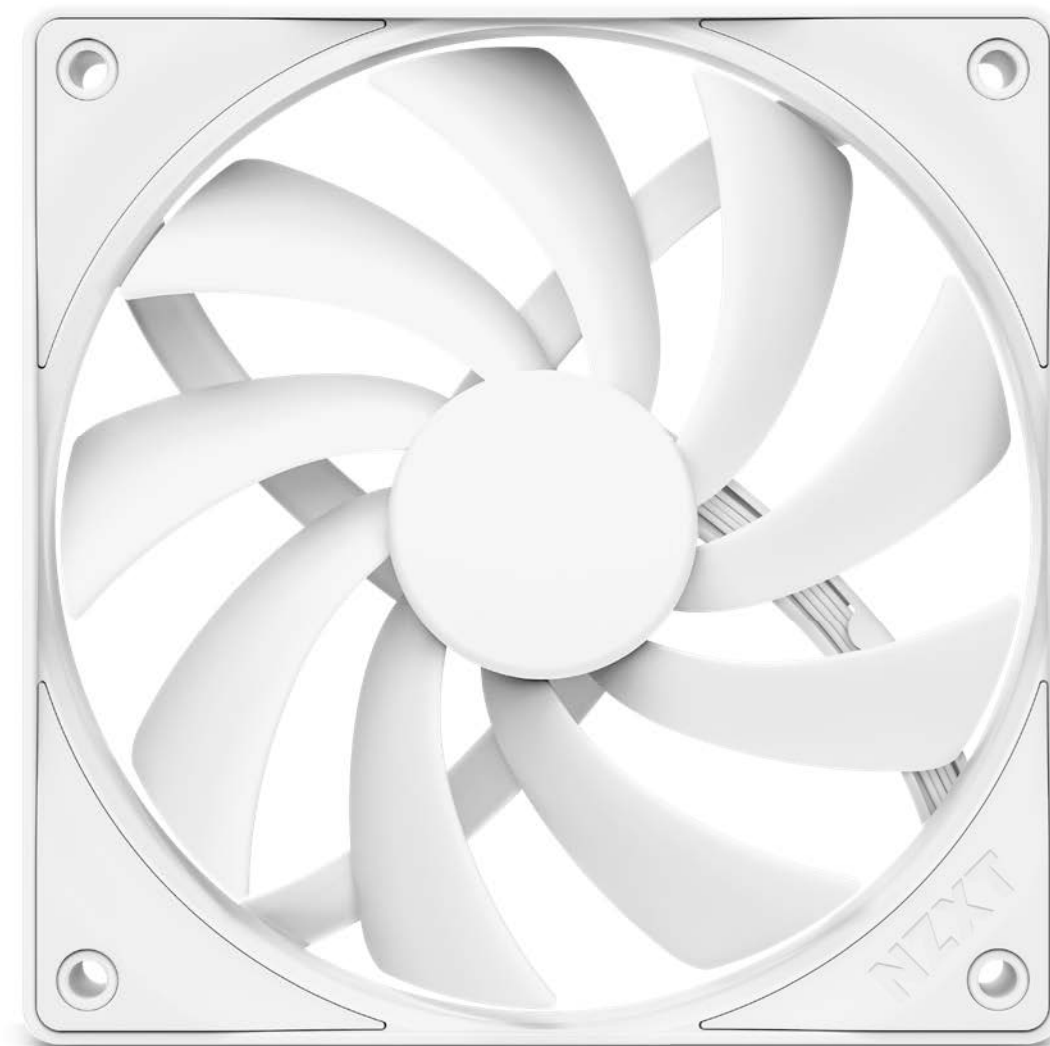
Fluid dynamic bearings ensure quiet, smooth operation. Rubber corners and a sturdy frame absorb vibrations, enhancing stability and reducing noise for a distraction-free gaming setup.



WORKS SMARTER, LASTS LONGER

PWM control adjusts fan speed based on system temperatures, and fluid dynamic bearings ensure an impressive 60,000-hour fan lifespan—all backed by a 2-year warranty.

SPECIFICATIONS



○ Matte White ● Matte Black



F120Q

F140Q

DIMENSIONS	120 x 120 x 25 mm	140 x 140 x 25 mm
SPEED	500 - 1,700 ± 200 RPM	500 - 1,500 ± 150 RPM
AIRFLOW	74.26 CFM	102.90 CFM
STATIC PRESSURE	1.43 mm H ₂ O	1.77 mm H ₂ O
NOISE	25.1 dBA	29.8 dBA
POWER CONSUMPTION	12 V DC, 0.28 A, 3.36 W	12 V DC, 0.32 A, 3.84 W
BEARING	Fluid Dynamic Bearing	
CONNECTOR	4-pin PWM	
CABLE LENGTH	1 x 600 mm	
MATERIAL	Plastic, Rubber, PCB	
LIFE	60,000 Hours	
WARRANTY	2 Years	

PACKAGING INFO.



F120Q

F140Q







Unit (RETAIL BOX)		
Dimensions	145 x 134 x 35 mm	165 x 154 x 35 mm
Net Weight	0.18 kg	0.22 kg
Gross Weight	0.23 kg	0.29 kg
Carton		
Dimensions	365 x 310 x 310 mm	365 x 350 x 350 mm
Units Per Carton	40 pcs	40 pcs
Volume (CUFT)	1.24 ft ³	1.58 ft ³
Net Weight	7.2 Kg	8.8 Kg
Gross Weight	10.13 Kg	12.68 Kg
Sea Ship W/O Pallet		
20GP	756 cartons	576 cartons
40GP	1596 cartons	1188 cartons
40HQ	1824 cartons	1386 cartons
Sea Ship with Pallet		
20GP	54 cartons x 11 pallets = 594 cartons	54 cartons x 10 pallets = 540 cartons
40GP	54 cartons x 22 pallets = 1188 cartons	54 cartons x 20 pallets = 1080 cartons
40HQ	63 cartons x 22 pallets = 1386 cartons	54 cartons x 20 pallets = 1080 cartons
Air Ship with Pallet		
Pallet size (LXWXH)	111 x 94.5 x 138 cm	111 x 106.5 x 154 cm
	36 cartons/pallet	36 cartons/pallet

	Black	White	Black	White
Model Number	RF-Q12SF-B2	RF-Q12SF-W2	RF-Q14SF-B2	RF-Q14SF-W2
EAN	5056547204314	5056547204321	5056547204338	5056547204345
UPC	810074844406	810074844413	810074844420	810074844437


COMPARISON CHART

120MM QUIET AIRFLOW PWM CASE FAN

Brand	NZXT	CORSAIR	NOCTUA	NOCTUA	BE QUIET	PHANTEKS	COOLER MASTER
Product Name	F120Q Quiet Airflow Fan	AF120 ELITE High-Performance	NF-P12 redux-1700 PWM	NF-A12x25 2000 RPM	Pure Wings 2 120mm PWM high-speed	PH-F120T30 120MM FAN	MASTERFAN SF120M
Product Image							
PRICING							
Global MSRP	\$14.99	\$24.99	\$14.95	\$31.90	\$12.99	\$39.99	\$34.99
ASP			\$14.30	\$29.90	\$10.90	\$35.63	\$27.50
SPECIFICATIONS							
Dimensions	120x120x25 mm	120x120x25 mm	120x120x25 mm	120x120x25 mm	120x120x25 mm	120 x 120 x 30mm	120 x 120 x 25 mm
Connector & pin-configuration	PWM	PWM	PWM	PWM	PWM	PWM	PWM
Fan Quantity	1	1	1	1	1	1	1
Color	Available in Black and White	Black White	Gray	Brown	Black	Gray	Black
Bearing	FDB	FDB	SSO Bearing (Hydraulic)	SSO Bearing (Hydraulic)	Rifle bearing	N/S	Dual Ball Bearing
Anti-vibration Rubber Dampers	Yes	Yes	No	Yes	No	No	Yes
Speed	500-1,700 ± 200 RPM	400 - 1850 RPM ±10%	1700 RPM	2000 RPM	2000 RPM	2000 RPM ± 10% (up to 3000 RPM)	650-2000 RPM
Airflow	74.26 CFM	10.9 - 59.1 CFM	70.74 CFM	60 CFM	65.51 CFM	67 CFM	62 CFM
Noise	25.1 dBA	28.9 dBA	25.1 dBA	22.6 dBA	36.9 dB(A)	27.3 dBA	5.5-22 dBA
Static pressure	1.43 mm H ₂ O	0.09 - 1.93 mm H ₂ O	2.83 mm H ₂ O	2.34 mm H ₂ O	2.23 mm H ₂ O	3.3 mm H ₂ O	2.40 mm H ₂ O
Fan Life Expectancy (MTTF)	60,000 h		150,000 h	150,000 h	80,000 h	150,000 h	280,000 h
WARRANTY	2 years	2 years	6 years	6 years	3 years	6 years	5 years

COMPARISON CHART

140MM QUIET AIRFLOW PWM CASE FAN

Brand	NZXT	CORSAIR	NOCTUA	NOCTUA	BE QUIET	FRACTAL	ARCTIC
Product Name	F140Q Quiet Airflow Fan	AF140 ELITE High-Performance	NF-P14s redux-1500 PWM	NF-A14 PWM chromax.Black.swap	Pure Wings 2 140mm PWM high-speed	Dynamic X2 GP-14 PWM	ARCTIC P14 PWM PST (5 Pack)
Product Image							
PRICING							
Global MSRP	\$16.99	\$29.99	\$21.99	\$26.95	\$12.99	\$17.99	40.99 (8.2 each)
ASP			\$16.95	\$22.92	\$10.90		
SPECIFICATIONS							
Dimensions	140x140x25 mm	140x140x25 mm	140x140x25 mm	140x140x25 mm	140x140x25 mm	140x140x25 mm	140x140x25 mm
Connector & pin-configuration	PWM	PWM	PWM	PWM	PWM	PWM	PWM
Fan Quantity	1	1	1	1	1	1	5
Color	Available in Black and White	Black White	Gray	Black	Black	Black	Black
Bearing	FDB	FDB	SSO Bearing (Hydraulic)	SSO Bearing (Hydraulic)	Rifle bearing	Long Life Sleeve	Dual Ball Bearing
Anti-vibration Rubber Dampers	Yes	Yes	No	Yes	No	Yes	Yes
Speed	500-1,500 ± 150 RPM	400 - 1600 RPM ±10%	450 - 1500 RPM	500 - 1500 RPM	1600 RPM	1700 RPM	200-1700 RPM
Airflow	102.90 CFM	15.3 - 84.5 CFM	78.69 CFM	82.51 CFM	94.2 CFM	105.9 CFM	72.8 CFM
Noise	29.8 dBA	5 - 33.9 dBA	25.8 dBA	41.3 dBA	37.3 dB(A)	33.7 dBA	10.64 dB
Static pressure	1.77 mm H ₂ O	0.01 - 1.73 mm H ₂ O	1.91 mm H ₂ O	2.08 mm H ₂ O	1.82 mm H ₂ O	1.95 mm H ₂ O	2.40 mm H ₂ O
Fan Life Expectancy (MTTF)	60,000 h		150,000 h	150,000 h	80,000 h	100,000 h	
WARRANTY	2 years	2 years	6 years	6 years	3 years	2 years	6 years