

NZXT

C SERIES GOLD

C1200 / C1000 / C850

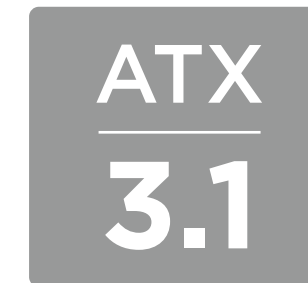
1200/1000/850 WATT 80 PLUS GOLD FULLY
MODULAR LOW-NOISE ATX 3.1 POWER SUPPLY





ABOUT THE PRODUCT

Designed for maximum performance with minimal noise, NZXT C Series Gold ATX 3.1 PSUs are ready to fuel the demands of top-tier GPUs and CPUs.





THE FUTURE IS HERE

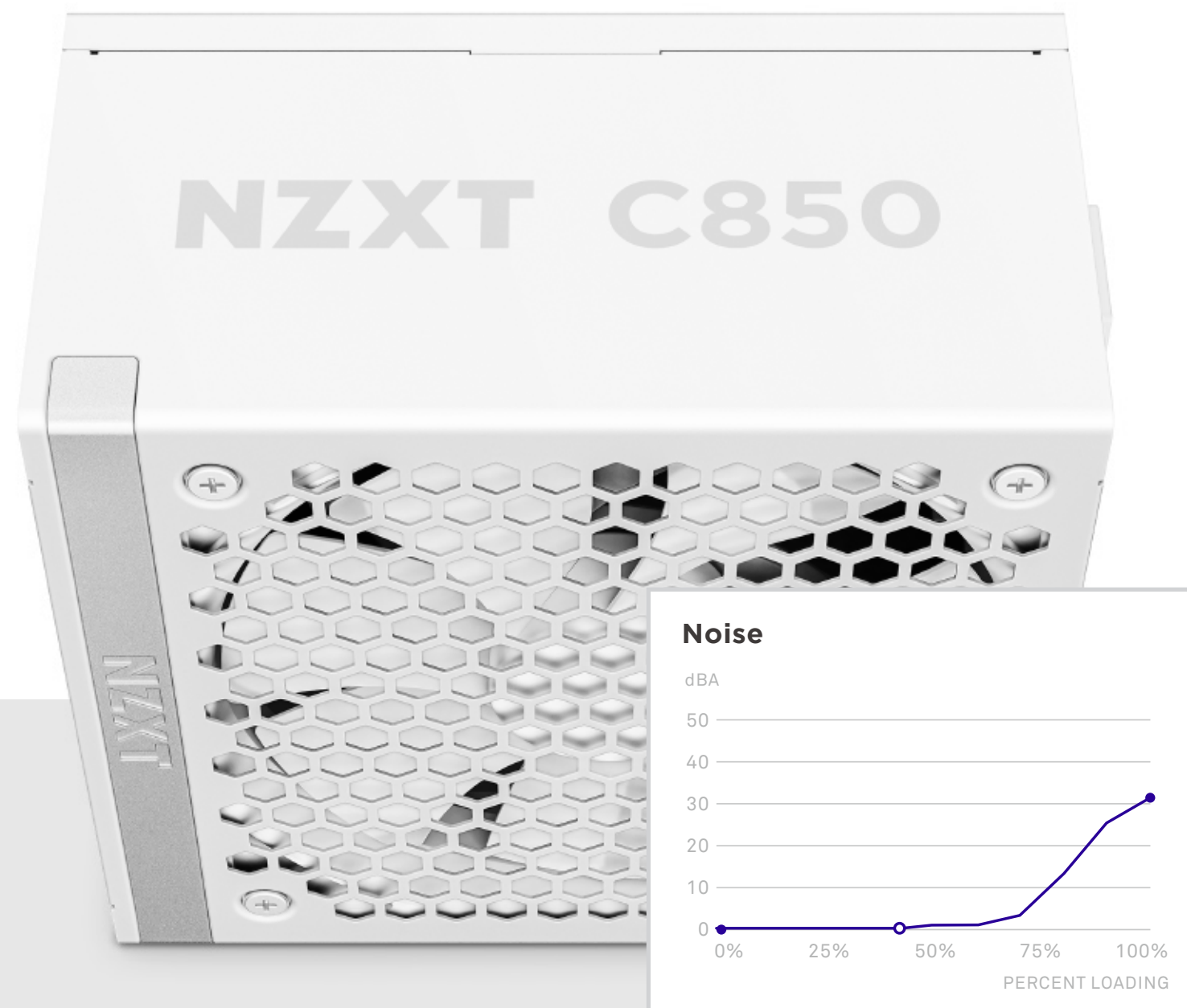
NZXT ATX 3.1 Gold PSUs delivers up to 600 watts of power to NVIDIA® RTX™ 40 GPUs with a 12V-2x6 cable.



PREMIUM PERFORMANCE

100% high-quality Japanese capacitors offer reliable power with extended hold-up time and minimal ripple noise. Tight voltage regulation keeps things stable.

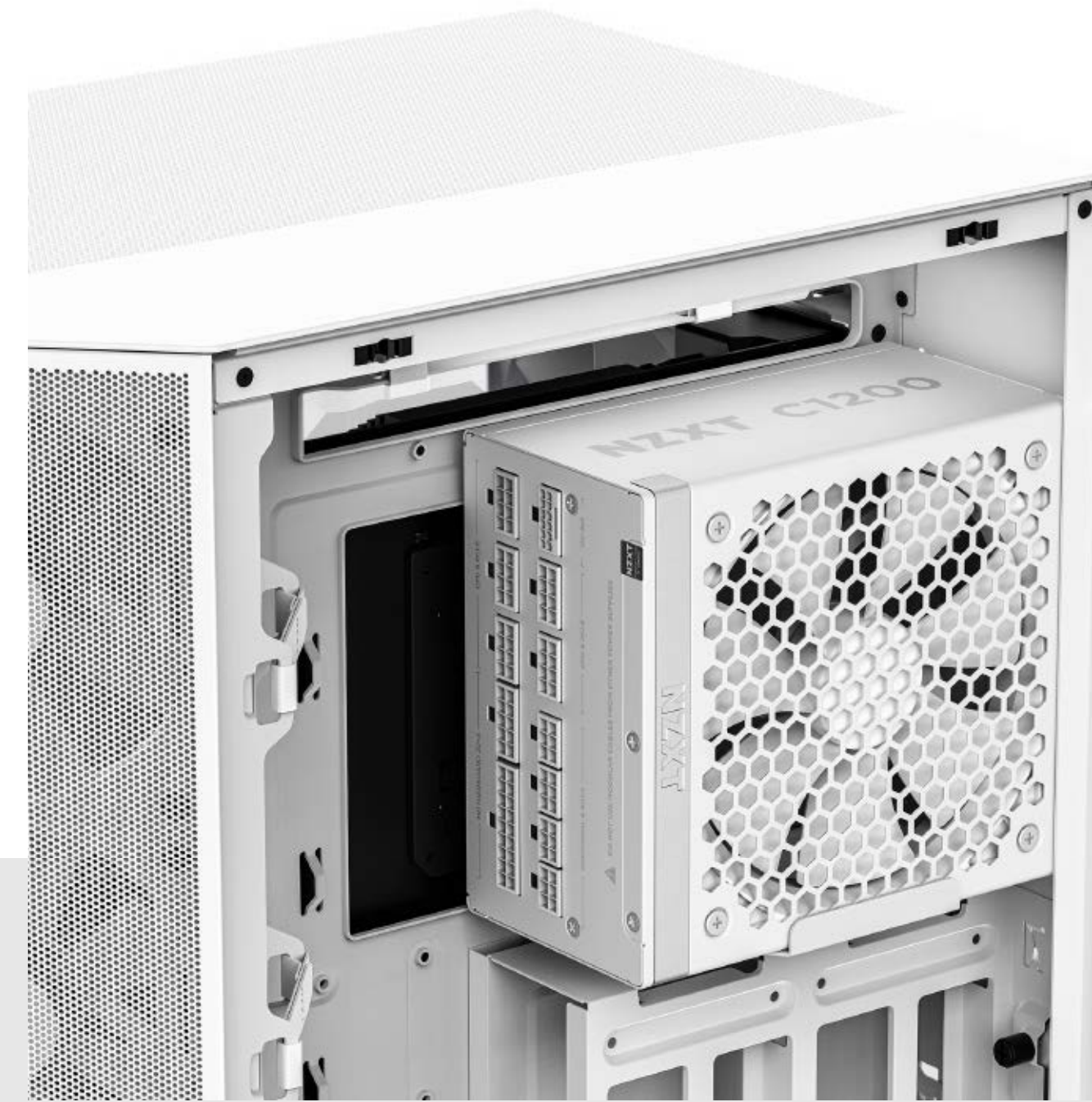
*C1200 model shown



SILENCE IS GOLDEN

The 135mm FDB fan stays silent under 50% loads and coil whine is reduced by a fine-tuned switching frequency.

*C850 model shown



MADE FOR ANY BUILD

Fully modular, compact design maximizes space and airflow. Includes cables for both NVIDIA and AMD GPUs. Supports modern standby for quick wake-ups.

SPECIFICATIONS



	C1200	C1000	C850
Dimensions	150 x 86 x 160 mm		
Material(s)	Steel, PCB and Plastic		
Compliance Standard	ATX12V v3.1 / EPS12V v2.92		
PF Correction	Active @0.99		
Ac Input Rating	100V-240V - 14A 50Hz-60Hz (not for China) 200V-240V - 7A 50Hz-60Hz (only for China & Korea)	100V-240V - 13A 50Hz-60Hz (not for China) 200V-240V - 6.5A 50Hz-60Hz (only for China & Korea)	100V-240V - 10A-5A 50Hz-60Hz
Model No.	PS2304	PS2303	PS2302
DC Output	+3.3V +5V +12V +5Vsb	+3.3V +5V +12V +5Vsb	+3.3V +5V +12V +5Vsb
Max Load	22A 22A 100A 3A	22A 22A 83.3A 3A	22A 22A 70.83A 3A
Max Output Power	120W 1200W 15W	120W 1000W 15W	120W 850W 15W
Total Power	1200W	1000W	850W
Energy Efficiency	80 Plus Gold 20% loading: 90.1%, 50% loading: 91.6%, 100% loading: 88.7%	80 Plus Gold 20% loading: 89.7%, 50% loading: 91.9%, 100% loading: 89.3%	80 Plus Gold 20% loading: 89.5%, 50% loading: 91.7%, 100% loading: 89.2%
Temperature	0 - 50 °C		
Regulation & Certification	FCC, Canada, CE, CB(IEC 62368-1), UKCA, CCC, BSMI, BIS, RCM, UAE, TUV, cTUVus, KC, CP65		
Protections	OVP (Over Voltage), UVP (Under Voltage), SCP (Short Circuit), OTP (Over Temp), OPP (Over Power), OCP (Over Current)		
MTBF	100,000 hours		
Cable Specs	24-pin ATX Power Cable: 600mm with nylon sleeving, Output Connectors: 1 4+4-pin CPU Power Cable: 700mm with nylon sleeving, Output Connectors: 1 8-pin CPU Power Cable: 700mm with nylon sleeving, Output Connectors: 1 6+2-pin PCIe Power Cable: 650mm with nylon sleeving, Output Connectors: 3 16-pin (12+4) 12V-2x6 PCIe Cable: 650mm with nylon sleeving, Output Connectors: 1 SATA Cable: 500+150mm, Output Connectors: 12 Peripherals Cable: 500+150mm, Output Connectors: 4		
Warranty	10 Years		
Fan Specs			
Dimensions	135 x 135 x 25 mm		
Speed	2300 ± 10% RPM		
Airflow	93.02 CFM (Min.)		
Noise	44.5 dBA max		
Bearing	Fluid Dynamic Bearing (FDB)		

PACKAGING INFO.



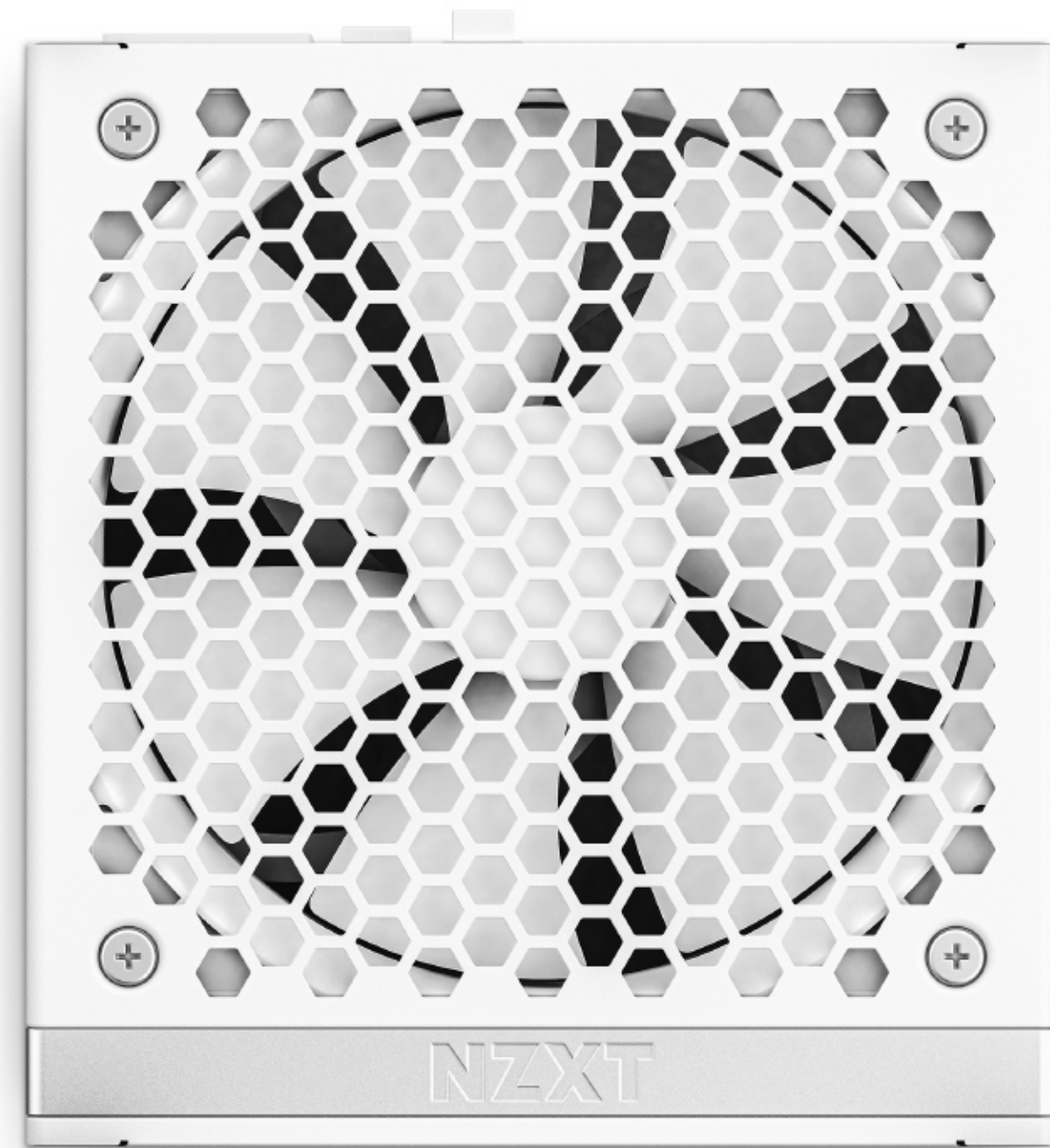
	C1200 GOLD	C1000 GOLD	C850 GOLD
Unit (RETAIL BOX)			
Dimensions	321 x 214 x 122 mm	321 x 214 x 122 mm	321 x 214 x 122 mm
Net Weight	1.85 kg	1.82 kg	1.73 kg
Gross Weight	3.6 kg	3.57 kg	3.48 kg
Carton			
Dimensions	510 x 338 x 240 mm	510 x 338 x 240 mm	510 x 338 x 240 mm
Units Per Carton	4 pcs	4 pcs	4 pcs
Volume	1.46 ft ³	1.46 ft ³	1.46 ft ³
Net Weight	14.4 kg	14.28 kg	13.92 kg
Gross Weight	15.4 kg	15.28 kg	14.92 kg
Sea Ship W/O Pallet			
20GP	657 cartons	657 cartons	657 cartons
40GP	1359 cartons	1359 cartons	1359 cartons
40HQ	1661 cartons	1661 cartons	1661 cartons
Sea Ship with Pallet			
20GP	49 cartons x 10 pallets = 490 cartons	49 cartons x 10 pallets = 490 cartons	49 cartons x 10 pallets = 490 cartons
40GP	49 cartons x 20 pallets = 980 cartons	49 cartons x 20 pallets = 980 cartons	49 cartons x 20 pallets = 980 cartons
40HQ	49 cartons x 20 pallets = 980 cartons	49 cartons x 20 pallets = 980 cartons	49 cartons x 20 pallets = 980 cartons
Air Ship with Pallet			
Pallet size(LXWXH)	124 x 102 x 131.5 cm	124 x 102 x 131.5 cm	124 x 102 x 131.5 cm
	35 cartons/pallet	35 cartons/pallet	35 cartons/pallet

EAN & UPC & MODEL NO.

	C1200 White		C1000 White	C850 White	C1200 Black	C1000 Black	C850 Black
Model Number	CN	PA-2G2BW-CN	PA-0G2BW-CN	PA-8G2BW-CN	PA-2G2BB-CN	PA-0G2BB-CN	PA-8G2BB-CN
	UK	PA-2G2BW-UK	PA-0G2BW-UK	PA-8G2BW-UK	PA-2G2BB-UK	PA-0G2BB-UK	PA-8G2BB-UK
	US	PA-2G2BW-US	PA-0G2BW-US	PA-8G2BW-US	PA-2G2BB-US	PA-0G2BB-US	PA-8G2BB-US
	EU	PA-2G2BW-EU	PA-0G2BW-EU	PA-8G2BW-EU	PA-2G2BB-EU	PA-0G2BB-EU	PA-8G2BB-EU
	JP	PA-2G2BW-JP	PA-0G2BW-JP	PA-8G2BW-JP	PA-2G2BB-JP	PA-0G2BB-JP	PA-8G2BB-JP
	AU	PA-2G2BW-AU	PA-0G2BW-AU	PA-8G2BW-AU	PA-2G2BB-AU	PA-0G2BB-AU	PA-8G2BB-AU
EAN	CN	5056547206240	5056547206318	5056547206387	5056547204604	5056547204680	5056547204765
	UK	5056547206257	5056547206325	5056547206394	5056547204611	5056547204697	5056547204772
	US	5056547206264	5056547206332	5056547206400	5056547204628	5056547204703	5056547204789
	EU	5056547206271	5056547206349	5056547206417	5056547204635	5056547204710	5056547204796
	JP	5056547206288	5056547206356	5056547206424	5056547204642	5056547204727	5056547204802
	AU	5056547206295	5056547206363	5056547206431	5056547204659	5056547204734	5056547204819
UPC	CN	810074846301	810074846370	810074846448	810074844673	810074844758	810074844833
	UK	810074846318	810074846387	810074846455	810074844680	810074844765	810074844840
	US	810074846325	810074846394	810074846462	810074844697	810074844772	810074844857
	EU	810074846332	810074846400	810074846479	810074844703	810074844789	810074844864
	JP	810074846349	810074846417	810074846486	810074844710	810074844796	810074844871
	AU	810074846356	810074846424	810074846493	810074844727	810074844802	810074844888

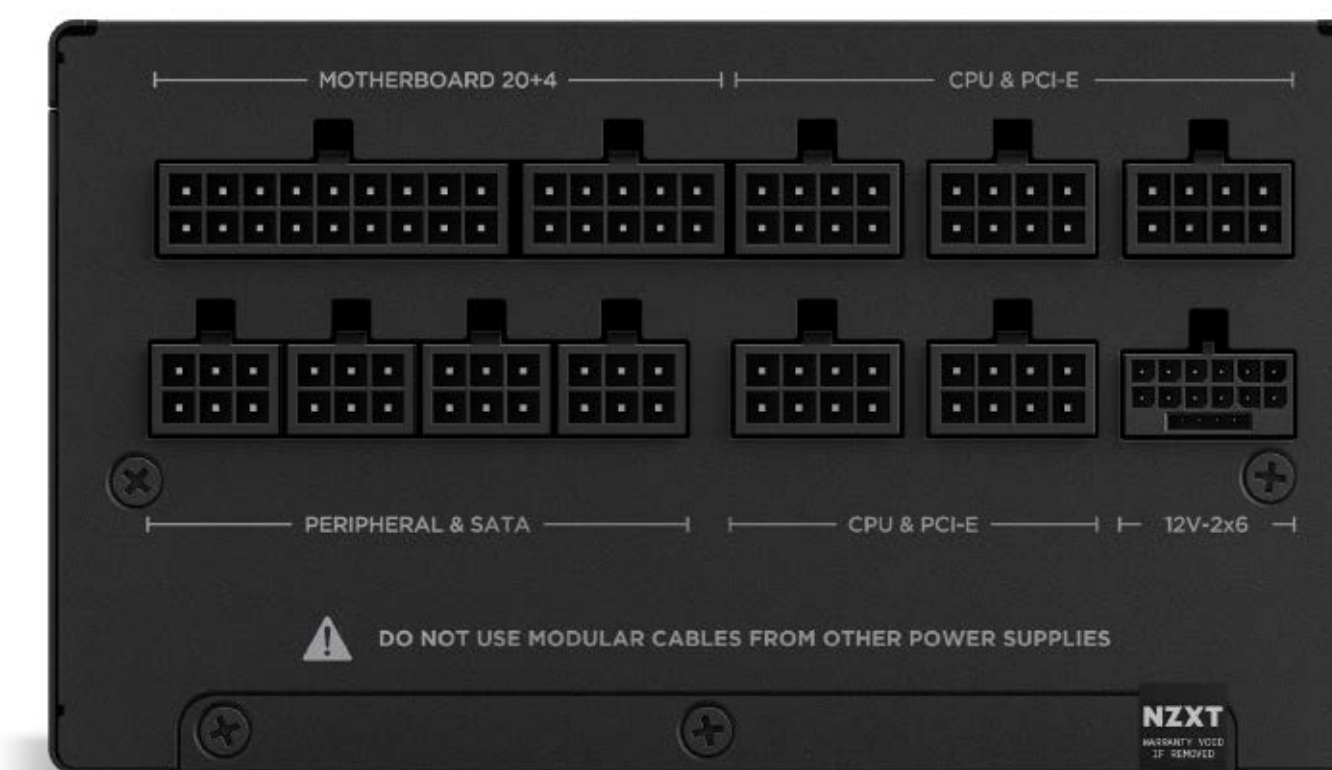
PRODUCT GALLERY

White



PRODUCT GALLERY







Black









COMPARISON CHART

BRAND	NZXT	Corsair	Seasonic	Be Quiet
MODEL	C1200 Gold (2024)	RM1200x SHIFT	VERTEX GX-1200	Pure Power 12 M - 1200w
Product Image				
DETAILS				
MSRP	\$199.99 / \$204.99	\$229.99 / \$239.99	\$249.99	€203.0
Amazon / Promo Price	-	\$199.99	\$229.99	€199.0
80 Plus Certification	Gold	Gold	Gold	Gold
ATX / EPS 12V	v3.1 / v2.92	v3.0 / v2.92	v3.0 / v2.92	v3.0 / v2.92
Wattage	1200	1200	1200	1200
Modular Cables	Fully	Fully	Fully	Fully
Cable Type	Sleeved & Flat (SATA & Molex)	All Flat	All Individually Sleeved	ATX 24p & PCIe 5 sleeved only & Flat
ATX 24-pin / Connector	1 / 1	1 / 1	1 / 1	1 / 1
CPU 8-pin (4+4) / Connectors	1 / 1	2 / 2	2 / 2	1 / 1
CPU 8-pin / Connectors	1 / 1	-	-	1 / 1
PCI-E 8-pin (6+2) / Connectors	3 / 3 PCIe (6+2-pin) x 3	6 / 8 PCIe (6+2-pin, dual) x 2 PCIe (6+2-pin) x 4	3 / 3	2 / 4
12VHPWR 16-pin (12+4) / Connectors	1 / 1 (12V-2x6)	1 / 1	1 / 1	1 / 1
SATA / Connectors	3 / 12	4 / 16	5 / 18	2 / 6
Peripheral / Connector	1 / 4	2 / 8	1 / 3	1 / 2
Fan Size (mm) / Fan Bearing	135mm FDB	140mm FDB	135mm FDB	120mm Rifle Bearing
Japanese Capacitors	All/105°C	All/105°C	All/105°C	Non Japanese Cap
Zero RPM Fan Mode	Yes	Yes	Yes	No
Cybenetics Noise / Ave dBA	TBD	A- / 29.4 dBA	A- / 25.4 dBA	-
Cybenetics Efficiency / Ave Efficiency	TBD	Gold / 88.1%	Gold / 88.9%	-
Colors	Black & White	Black & White	Black	Black
Warranty (Years)	10	10	10	10
Dimensions (WxHxL) (mm)	150 x 86 x 160	150 x 86 x 180	150 x 86 x 160	150 x 86 x 160

COMPARISON CHART

BRAND	NZXT	Corsair	Corsair	MSI	Seasonic	Be Quiet
MODEL	C1000 Gold (2024)	RM1000x SHIFT	RM1000e	MPG A1000G	VERTEX GX-1000	PURE POWER 12 - 1000w
Product Image						
DETAILS						
MSRP	\$179.99 / \$184.99	\$209.99 / \$219.99	\$179.99	\$199.99	\$219.99	€159.00
Amazon / Promo Price	-	\$189.99	\$139.99 - \$159.99	\$159.99 - \$179.99	\$189.99	€149.90
On-Sale Time	July, 2024	Feb. 2023	ATX 2.x - July 2022 ATX 3.0 - April 2023	Oct. 2022	Feb. 2023	Jul. 2023
80 Plus Certification	Gold	Gold	Gold	Gold	Gold	Gold (89.9%)
ATX / EPS 12V	v3.1 / v2.92	v3.0 / v2.92	v3.0 / v2.92	v3.0 / v2.92	v3.0 / v2.92	v3.0 / v2.92
Wattage	1000	1000	1000	1000	1200	1000
Modular Cables	Fully	Fully	Fully	Fully	Fully	Fully
Cable Type	Sleeved & Flat (SATA & Molex)	All Flat	All Flat	16-pin Sleeved & Flat	All Individually Sleeved	ATX sleeved only & Flat
ATX 24-pin / Connector	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
CPU 8-pin (4+4) / Connectors	1 / 1	2 / 2	2 / 2	2 / 2	2 / 2	1 / 1
CPU 8-pin / Connectors	1 / 1	-	-	-	-	1 / 1
PCI-E 8-pin (6+2) / Connectors	3 / 3 PCIe (6+2-pin) x 3	5 / 7 PCIe (6+2-pin, dual) x 2 PCIe (6+2-pin) x 3	4 / 6 PCIe (6+2-pin, dual) x 2 PCIe (6+2-pin) x 2	3 / 6 PCIe (6+2-pin, dual) x 3 PCIe (6+2-pin) x 0	3 / 3	2 / 4
12VHPWR 16-pin (12+4) / Connectors	1 / 1 (12V-2x6)	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
SATA / Connectors	3 / 12	4 / 16	2 / 7	3 / 12	5 / 18	1 / 6
Peripheral / Connector	1 / 4	2 / 8	1 / 4	1 / 4	1 / 3	1 / 2
Fan Size (mm) / Fan Bearing	135mm FDB	140mm FDB	120mm Rifle Bearing	135mm FDB	135mm FDB	120mm Rifle Bearing
Japanese Capacitors	All/105°C	All/105°C	One/105°C	All/105°C	All/105°C	Non Japanese Cap
Zero RPM Fan Mode	Yes	Yes	Yes	Yes	Yes	No
Cybenetics Noise / Ave dBA	TBD	A / 23.6 dBA	A- / 26.8 dBA	Standard ++ / 32.1 dBA	A / 23.9 dBA	-
Cybenetics Efficiency / Ave Efficiency	TBD	Gold / 88.5%	Gold / 89.4%	Gold / 88.6%	Platinum / 89.4%	-
Colors	Black & White	Black & White	Black	Black	Black	Black
Warranty (Years)	10	10	7	10	10	10
Dimensions (WxHxL) (mm)	150 x 86 x 160	150 x 86 x 180	150 x 86 x 140	150 x 86 x 150	150 x 86 x 160	150 x 86 x 160

COMPARISON CHART

BRAND	NZXT	Corsair	Corsair	MSI	Seasonic	Be Quiet
MODEL	C850 Gold (2024)	RM850x SHIFT	RM850e	MPG A850G PCIE5	VERTEX GX-850	PURE POWER 12
Product Image						
DETAILS						
MSRP	\$144.99 / \$149.99	\$159.99 / \$169.90	\$129.99	\$159.99	\$229.99 / €199.00	€139.90
Amazon / Promo Price	-	\$139.99	\$119.99	\$129.99 - \$139.99	\$179.99 - \$192.99	€137.00
On-Sale Time	July, 2024	Feb. 2023	Apr. 2023	Oct. 2022	Feb. 2023	Feb. 2023
80 Plus Certification	Gold	Gold	Gold	Gold	Gold	Gold
ATX / EPS 12V	v3.1 / v2.92	v3.0 / v2.92	v3.0 / v2.92	v3.0 / v2.92	v3.0 / v2.92	v3.0 / v2.92
Wattage	850	850	850	850	1200	850
Modular Cables	Fully	Fully	Fully	Fully	Fully	Fully
Cable Type	Sleeved & Flat (SATA & Molex)	All Flat	All Flat	16-pin Sleeved & Flat	All Individually Sleeved	ATX sleeved only & Flat
ATX 24-pin / Connector	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
CPU 8-pin (4+4) / Connectors	1 / 1	2 / 2	2 / 2	2 / 2	2 / 2	1 / 1
CPU 8-pin / Connectors	1 / 1	-	-	-	-	1 / 1
PCI-E 8-pin (6+2) / Connectors	3 / 3 PCIe (6+2-pin) x 3	3 / 4 PCIe (6+2-pin, dual) x 1 PCIe (6+2-pin) x 2	2 / 3 PCIe (6+2-pin, dual) x 1 PCIe (6+2-pin) x 1	3 / 6 PCIe (6+2-pin, dual) x 3 PCIe (6+2-pin) x 0	3 / 3	2 / 4
12VHPWR 16-pin (12+4) / Connectors	1 / 1 (12V-2x6)	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
SATA / Connectors	3 / 12	3 / 12	2 / 7	3 / 12	5 / 18	1 / 6
Peripheral / Connector	1 / 4	2 / 8	1 / 4	1 / 4	1 / 3	1 / 2
Floppy Adapter	-	-	-	1 / 1	-	9
Fan Size (mm) / Fan Bearing	135mm FDB	140mm FDB	120mm Rifle Bearing	135mm FDB	135mm FDB	120mm Rifle Bearing
Japanese Capacitors	All/105°C	All/105°C	One/105°C	All/105°C	All/105°C	Non Japanese Cap
Zero RPM Fan Mode	Yes	Yes	Yes	Yes	Yes	No
Cybenetics Noise / Ave dBA	TBD	A / 22.9 dBA	A- / 26.3 dBA	Standard ++ / 31.9 dBA	115V: A / 24.5 dBA 230V: A / 24.5 dBA	-
Cybenetics Efficiency / Ave Efficiency	TBD	Gold / 88.7%	Gold / 88.3%	Gold / 88.3%	Platinum / 89.4%	-
Colors	Black & White	Black & White	Black	Black	Black	Black
Warranty (Years)	10	10	7	10	10	10
Dimensions (WxHxL) (mm)	150 x 86 x 160	150 x 86 x 160	150 x 86 x 140	150 x 86 x 150	150 x 86 x 160	150 x 86 x 160