

NZXT

C1500 PLATINUM

ATX 3.1 1500 WATT 80 PLUS PLATINUM
FULLY MODULAR LOW-NOISE
POWER SUPPLY



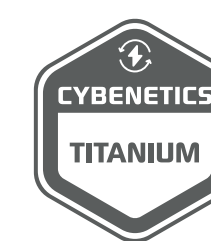


ABOUT THE PRODUCT

Achieve peak PC performance with the NZXT C1500 Platinum PSU, offering continuous, digitally-controlled power with outstanding efficiency and precise regulation.

A 140mm magnetic levitation fan delivers ultra-high airflow and ultra-low noise with unmatched durability.

ATX 3.1 compliance and dual PCIe 5.1 connectors mean it's ready for the most demanding components of today and tomorrow.

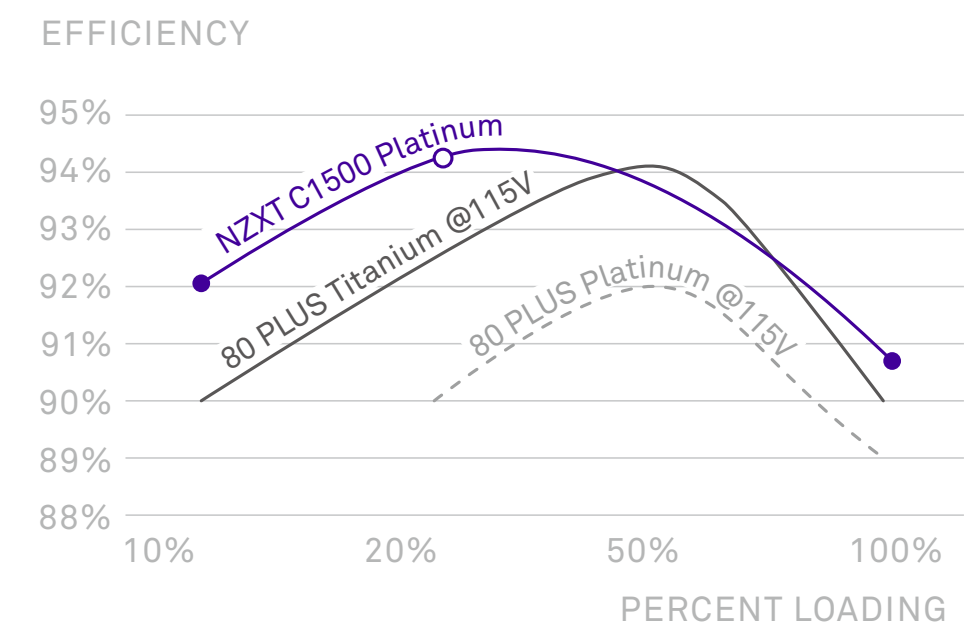




THE DIGITAL DIFFERENCE

Digital power enables precise voltage regulation, higher efficiency, lower ripple noise, and zero coil whine compared to analog. Protection mechanisms trigger immediately to prevent component damage. C1500 Platinum supports continuous power delivery of 1500 watts across the 100 to 240 voltage range.

Efficiency



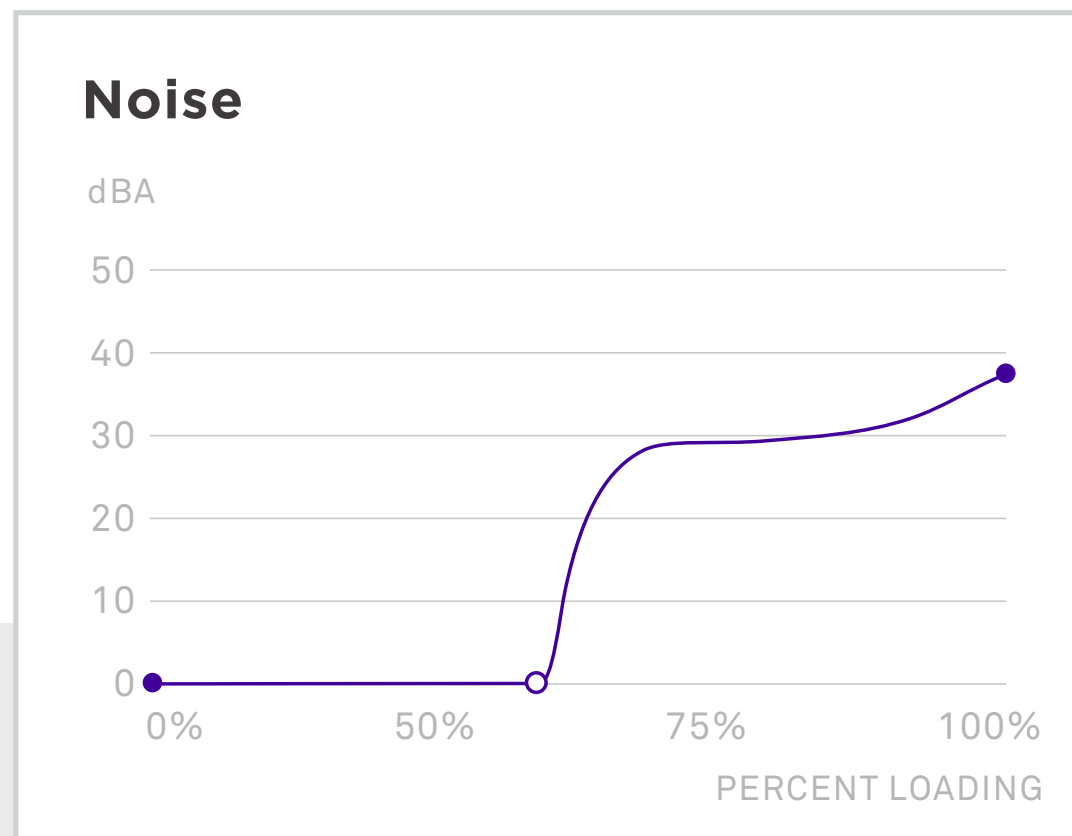
PEAK PLATINUM PERFORMANCE

Exceeding 80 Plus Platinum standards, the C1500 delivers an exceptional efficiency of 94%. This outstanding performance reduces overall power consumption, resulting in lower monthly bills and cooler, quieter operation.



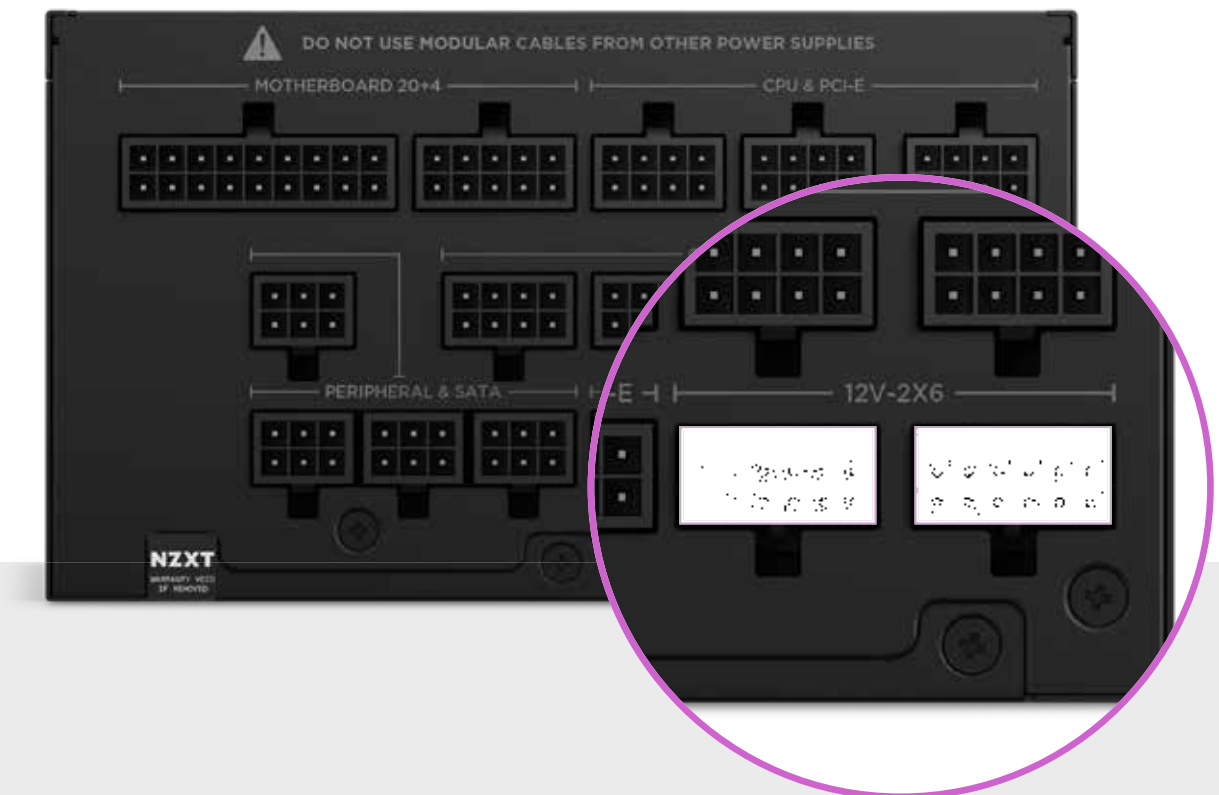
MAXIMUM PERFORMANCE

C1500 Platinum houses a 140mm magnetic levitation fan, superior to a fluid dynamic bearing fan with its higher performance, better dust resistance, lower noise level, and longer lifespan.



MINIMUM NOISE

Zero Fan Mode means total silence under 60% load, while fan failure protection safeguards the PC from potential abnormalities.



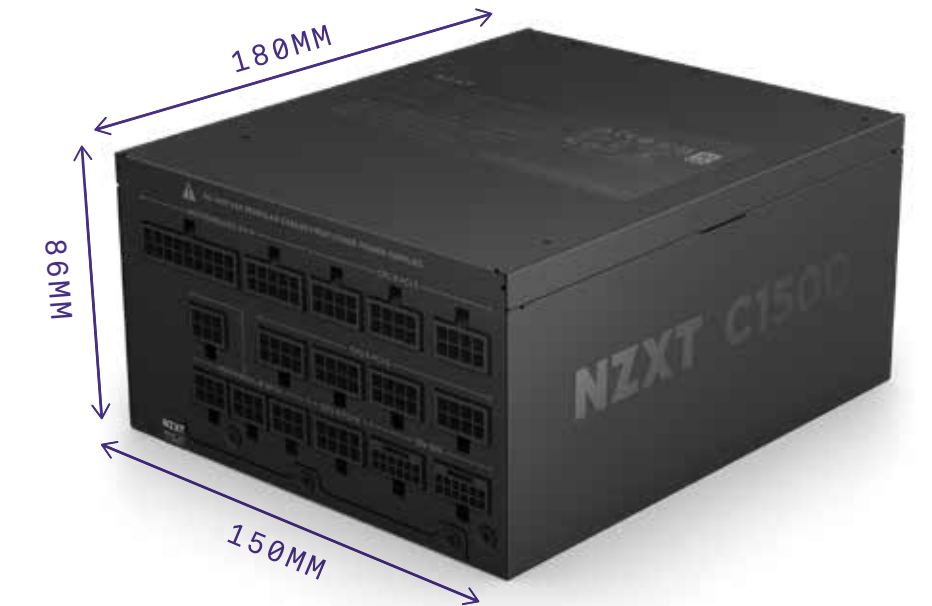
ATX 3.1 STANDARD

Compliant with ATX 3.1, C1500 Platinum supports up to 2x total power and 3x GPU power excursions, making it future-proof for high-performance components. Dual PCIe 5.1 12V-2x6 connectors handle over 600 watts of draw each, accommodating demanding NVIDIA GPUs. The native 16-pin cables enable safe power delivery while optimizing cable routing space.

SPECIFICATIONS

C1500 PLATINUM

Dimensions	150 x 86 x 180mm			
Material(s)	Steel, PCB and Plastic			
Compliance Standard	ATX12V v3.1 / EPS12V v2.92			
Regulation & Certification	FCC, Canada, CE, CB(IEC 62368-1), UKCA, CCC, BSMI, BIS, RCM, UAE, TUV, cTUVus			
AC Input Rating	100 - 240Vac	15A-9A 50Hz-60Hz		
	200 - 240Vac	9A 50Hz-60Hz		
DC Output Rating	DC Output	+3.3V	+5V	+12V
	Max Load	22A		125A
	Max Output Power	120W		1500W
	Total Power	1500W (115V-240V) / 1300W (100V-115V)		
Energy Efficiency	Rating	80 Plus Platinum		
	10% loading	92% @115Vac		
	20% loading	94% @115Vac		
	50% loading	93.8% @115Vac		
	100% loading	90.8% @115Vac		
ELETRICAL FEATURES				
PF Correction	Active @0.99			
Protections	OVP (Over Voltage Protection)			
	UVP (Under Voltage Protection)			
	SCP (Short Circuit Protection)			
	OTP (Over Temperature Protection)			
	OPP (Over Power Protection)			
	OCP (Over Current Protection)			
OPERATION				
MTBF	100,000 hours			
Temperature	0 - 50 °C			
FAN SPECS				
Dimensions	140 x 140 x 25 mm			
Speed	2500 ± 10% RPM			
Airflow	125 CFM (Tpy.)			
Noise	41.0 dBA max			
Bearing	Magnetic Levitation Bearing (ML)			



Output Connectors	24-pin ATX Power Cable: 1
	4+4-pin CPU Power Cable: 1
	8-pin CPU Power Cable: 1
	6+2-pin PCIe Power Cable: 6
	16-pin (12+4) 12V-2x6 Cable: 2
	SATA Cable: 12
	Peripherals Cable: 4
	Inside the Box
	C1500 Platinum: 1
	24-pin ATX Power Cable: 1 (600 mm with nylon sleeving)
4+4-pin CPU Power Cable: 1 (700 mm with nylon sleeving)	
8-pin CPU Power Cable: 1 (700 mm with nylon sleeving)	
6+2-pin PCIe Power Cable: 6 (650 mm with nylon sleeving)	
16-pin (12+4) 12V-2x6 PCIe Cable: 2 (650 mm with nylon sleeving)	
SATA Cable: 3 (500 + 150 mm with nylon sleeving)	
Peripherals Cable: 1 (500 + 150 mm with nylon sleeving)	
6-32 Screws: 4	
AC Power Cord: 1	
Warranty	10 years

PACKAGING INFO.



C1500 PLATINUM





Unit (RETAIL BOX)	
Dimensions	334 x 214 x 147 mm
Net Weight	2.42 kg
Gross Weight	4.9 kg
Carton	
Dimensions	355 x 315 x 245 mm
Units Per Carton	2 pcs
Volume	0.97 ft ³
Net Weight	9.8 kg
Gross Weight	10.5 kg
Sea Ship W/O Pallet	
20GP	1089 cartons
40GP	2232 cartons
40HQ	2480 cartons
Sea Ship with Pallet	
20GP	63 cartons x 10 pallets = 630 cartons
40GP	63 cartons x 20 pallets = 1260 cartons
40HQ	63 cartons x 20 pallets = 1260 cartons
Air Ship with Pallet	
Pallet size(LXWXH)	124 x 102 x 135.5 cm
	45 cartons/pallet

EAN & UPC & MODEL NO.

	SKU No	EAN	UPC	Description
1	PA-5P1BB-CN	5056547203638	810074843713	ATX 3.1 1500 Watt 80 Plus Platinum modular Power Supply , CN Power Cord
2	PA-5P1BB-US	5056547203645	810074843720	ATX 3.1 1500 Watt 80 Plus Platinum modular Power Supply , US Power Cord
3	PA-5P1BB-EU	5056547203652	810074843737	ATX 3.1 1500 Watt 80 Plus Platinum modular Power Supply , EU Power Cord
4	PA-5P1BB-UK	5056547203669	810074843744	ATX 3.1 1500 Watt 80 Plus Platinum modular Power Supply , UK Power Cord
5	PA-5P1BB-JP	5056547203676	810074843751	ATX 3.1 1500 Watt 80 Plus Platinum modular Power Supply , JP Power Cord
6	PA-5P1BB-AU	5056547203683	810074843768	ATX 3.1 1500 Watt 80 Plus Platinum modular Power Supply , AU Power Cord



COMPARISON CHART

BRAND	NZXT	Corsair	Be Quiet	MSI
MODEL	C1500	HX1500i	STRAIGHT POWER 12 1500W	MEG Ai1300P
Product Image				
DETAILS				
MSRP	\$369.99 (AMER), €329.90 (EMEA), \$349.99 (APAC)	\$399.99 / €342.90	\$379.90 / €349.90	\$359.99
Launch Time	June, 2024	ATX 2.x - July 2022 ATX 3.0 - May 2023	Jun. 2023	Oct. 2023
80 Plus Certification	Platinum (92.1%)	Platinum (91.6%)	Platinum (89.2%)	Platinum (89.9%)
ATX / EPS 12V	3.1 / 2.92	3.0 / 2.92	3.0 / 2.92	3.0 / 2.92
Wattage	1500W	1500W	1500W	1300W
Modular Cables	Fully	Fully	Fully	Fully
Cable Type	All Sleeved	ATX Sleeved only & Flat Cables	All Sleeved	Individually-sleeved cables
ATX 24-pin / Connector	1 / 1	1 / 1	1 / 1	1 / 1
CPU 8-pin (4+4) / Connectors	1 / 1	2 / 2	1 / 1	1 / 1
CPU 8-pin / Connectors	1 / 1	-	1 / 1	1 / 1
PCI-E 8-pin (6+2) / Connectors	6 / 6 PCIe (6+2-pin) x 6	5 / 7 PCIe (6+2-pin, dual) x 2 PCIe (6+2-pin) x 3	4 / 4 PCIe (6+2-pin) x 4	6 / 8
12VHPWR 16-pin (12+4) / Connectors	2 / 2	1 / 1	2 / 2	1 / 1
SATA / Connectors	3 / 12	2 / 8	3 / 9	4 / 16
Peripheral / Connector	1 / 4	2 / 8	1 / 2	1 / 4
Fan Size (mm) / Fan Bearing	140mm / Magnetic Levitation	140mm / Magnetic Levitation	135mm / FDB	120mm / Hydraulic
Japanese Capacitors	100%	100%	100%	100%
Zero Fan Mode	Yes	Yes	No	Yes
Cybenetics Noise Rating / Ave dBA	Standard ++ / 31.7 dBA	A- / 28.8 dBA	N/A	Standard ++/ 34.9 dBA
Cybenetics Efficiency / Ave Efficiency	115V Titanium / 91.6% 230V Titanium / 93.3%	115V Platinum / 89.5% 230V Platinum / 91.5%	-	115V Platinum / 89.1% 230V Platinum / 91.5%
Average life time (h / 25°C)	>100,000 hours	100,000 hours	>100,000 hours	N/A
Operating temperature up to (°C)	0 - 50 °C (continous full load)	0 - 50 °C	0 - 40 °C	N/A
Topology	Digital Power Full-Bridge & LLC converter	Digital Power Full-Bridge & LLC converter	Analog Power Full-Bridge & LLC converter	Digital Power Half-Bridge & LLC converter
Notable Features	12V-2x6 cable x 2 Multi-GPU Ready Hold Up Time: 24.5ms	iCUE SW control - fan speed & multi-12v rails Multi-GPU Ready Hold Up Time: 21.5ms	12VHPWR cable x 2	SW Sync & Multi-rails switch Hold Up Time: 17.7ms
Warranty (Years)	10	10	10	10
Dimensions (WxHxL) (mm)	150 x 86 x 180	150 x 86 x 200	150 x 86 x 180	150 x 86 x 160