

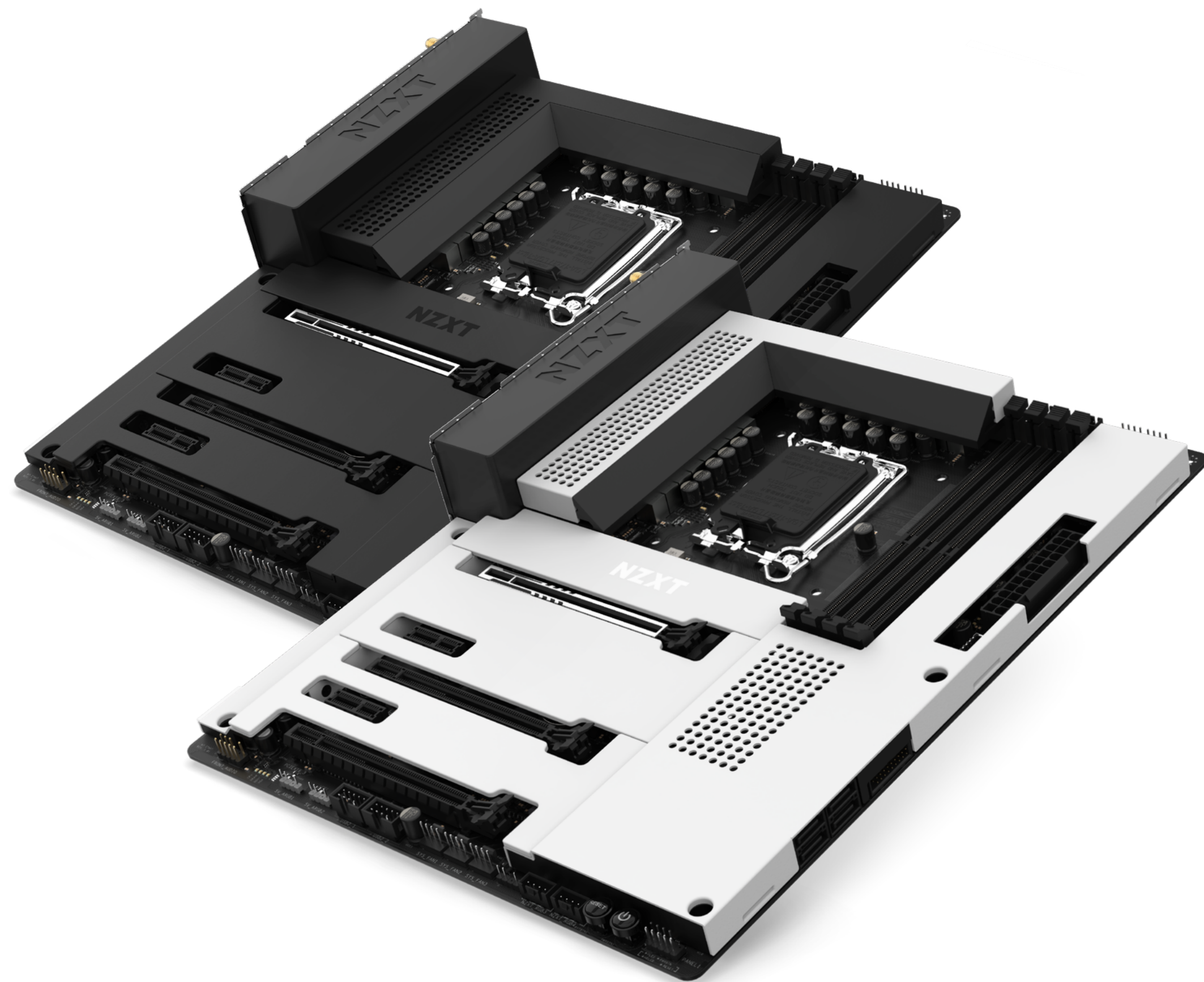
NZXT

N7 Z790

INTEL Z790 ATX MOTHERBOARD
WITH FULL COVER, CAM CONTROLS,
AND WI-FI



DESCRIPTION



ABOUT THE PRODUCT

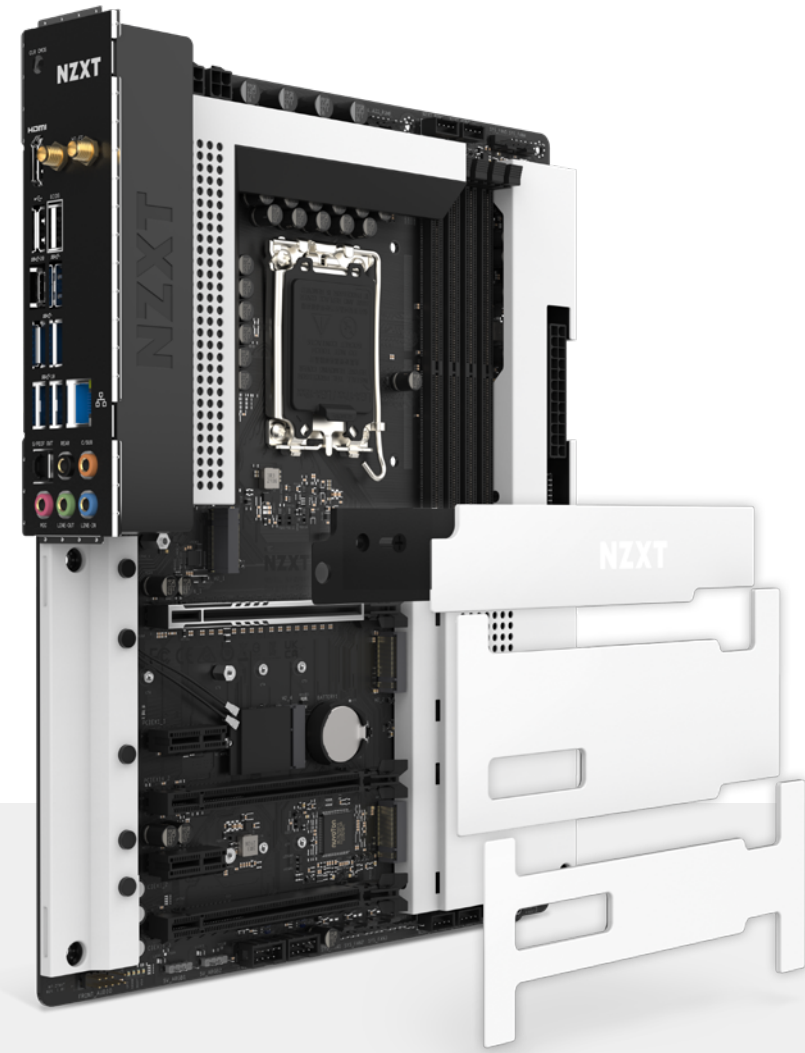
The N7 Z790 supports Intel's latest CPUs and has everything needed to build a modern system. The full black or white cover blends seamlessly within your build and includes optimally placed headers and built-in fan & lighting controls via NZXT CAM.



POWERED BY
NZXTCAM

HDMI[™]
HIGH-DEFINITION MULTIMEDIA INTERFACE

FEATURES

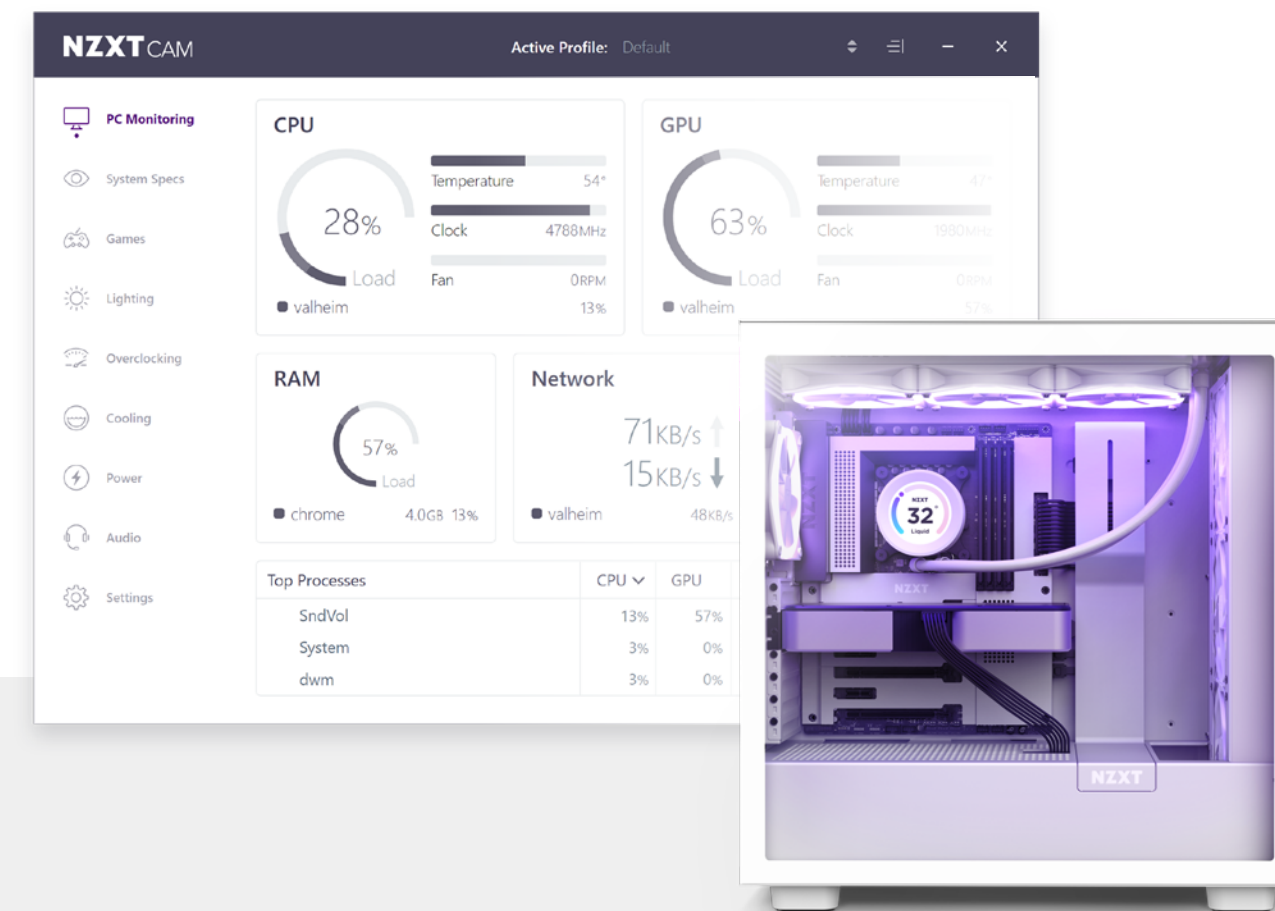


THE LATEST AND GREATEST

The N7 Z790 has everything needed to build a modern PC. Get support for 13th and 12th gen Intel processors with a 16+1+2 DrMOS power phase design, DDR5, and WiFi 6E. The integrated heat spreader for top-most M.2 slot and thoughtful layout ensures a clean and satisfying build.

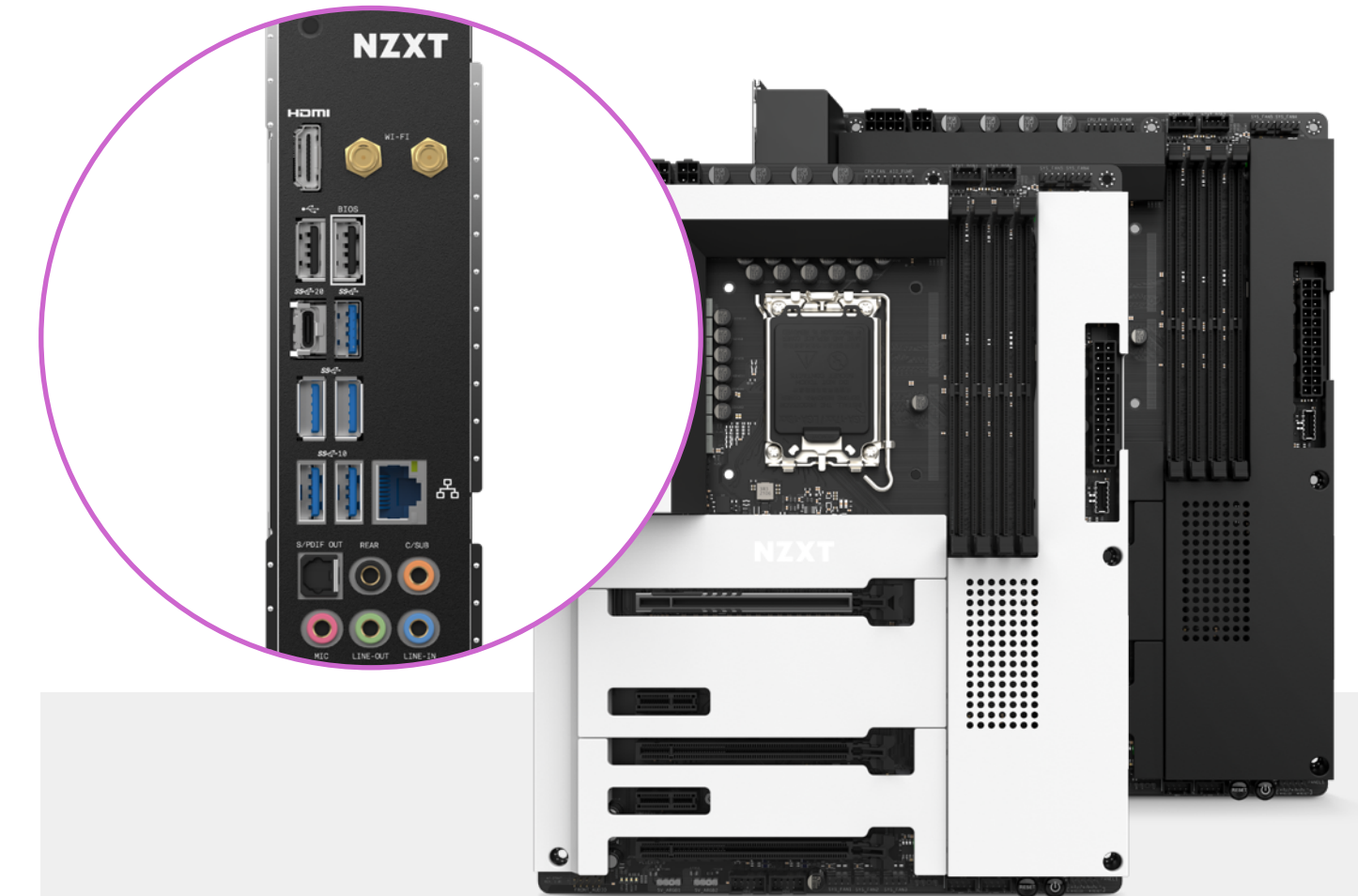
POWERED BY

NZXT CAM



POWERFUL CONTROL

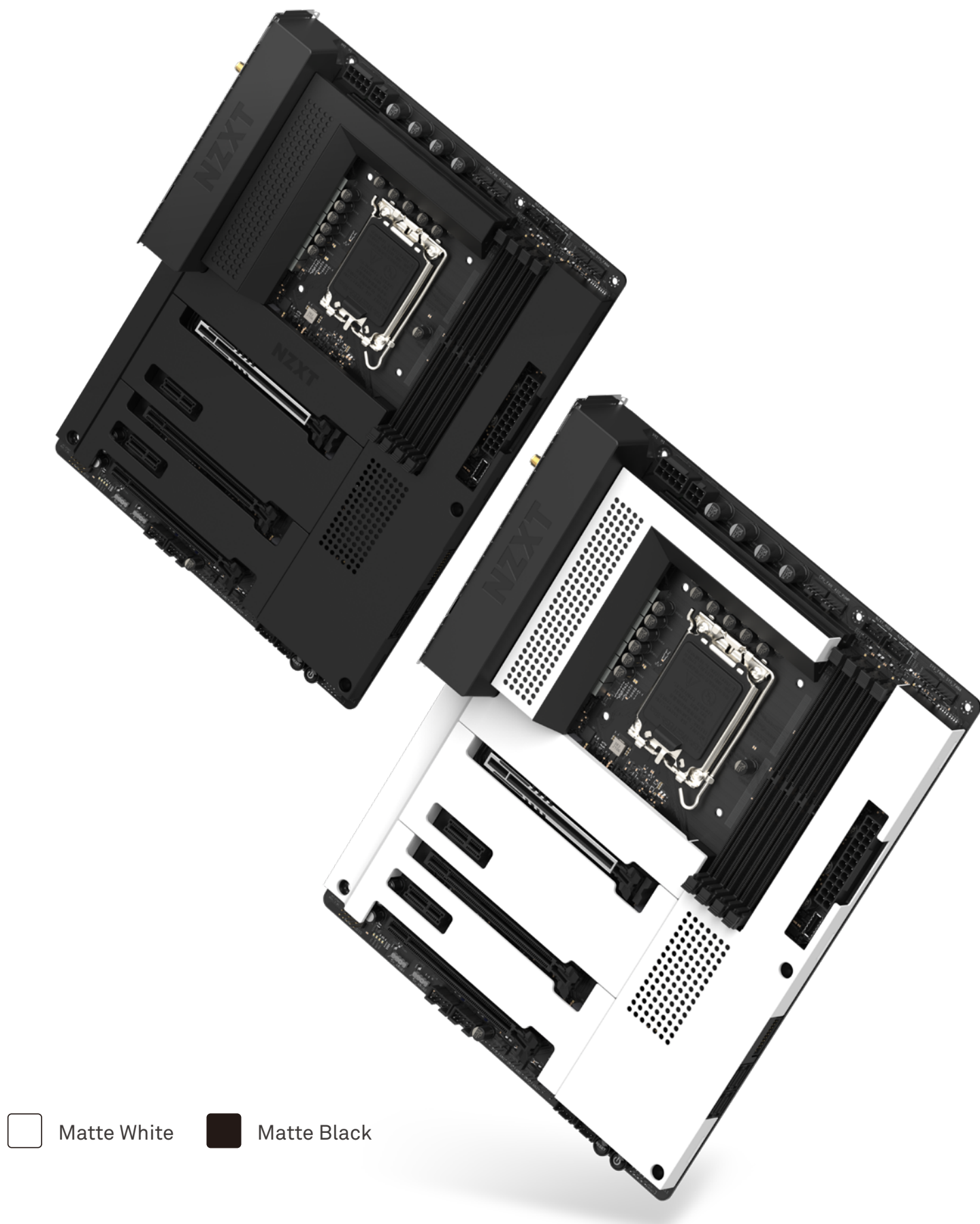
The N7 Z790 includes key features from the NZXT RGB and Fan Controller, allowing intuitive control of six RGB lighting channels and seven fan channels through NZXT CAM. Lighting accessories from all manufacturers are supported as well as 5V ARGB.



STUNNING CRAFTSMANSHIP

Build your dream system with a full metal cover that blends aesthetically with black or white cases for a seamless backdrop for your prized components. The N7 Z790 allows for a great look without sacrificing the build experience with an integrated rear I/O and optimally placed headers.

SPECIFICATIONS

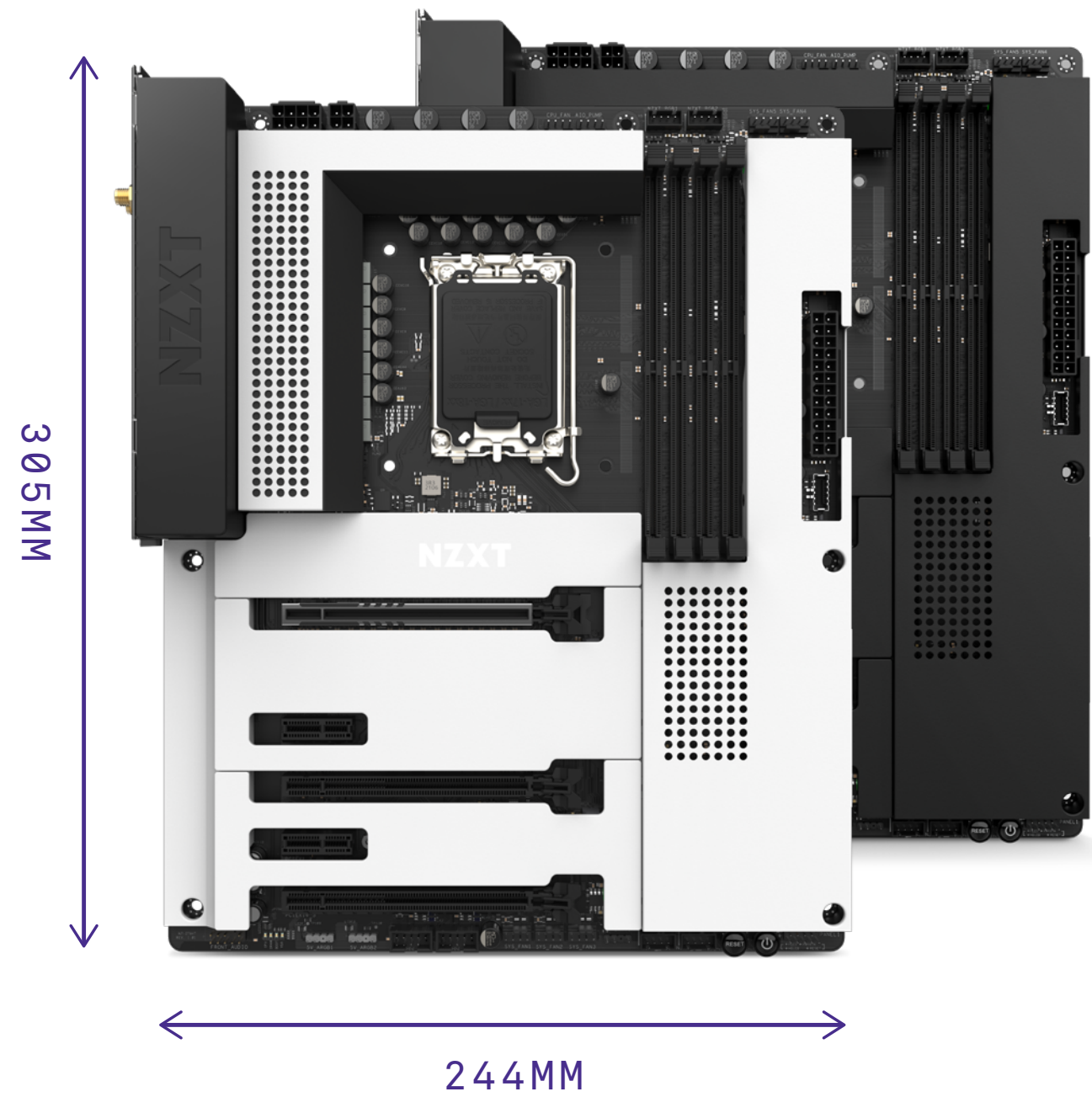


Matte White Matte Black

CPU & Socket	Socket LGA 1700 for Intel® 13th and 12th Generation Core™ i9/ Core™ i7/ Core™ i5/ Core™ i3 Processors
	> Support Intel® Hybrid Technology
	> Support Intel® Turbo Boost Max 3.0 Technology
	> Supports Intel® Thermal Velocity Boost (TVB)
	> Supports Intel® Adaptive Boost Technology (ABT)
Chipset	Intel® Z790
Memory	4 x DIMM slots, Max. 128GB, Dual-channel DDR5 Memory Technology
	> Supports DDR5 Non-ECC, Un-buffered Memory up to 6000+ (OC)*
	> Supports Extreme Memory Profile (XMP) and EXTended Profiles for Overclocking (EXPO) memory modules
	* Please refer to Memory QVL on NZXT's website (www.nzxt.com) for more information
Expansion Slots	CPU
	1 x PCIe 5.0 ×16 slot (PCIEX16_1), supports ×16 mode*
	Chipset
	2 x PCIe 4.0 ×16 slots (PCIEX16_2 and PCIEX16_3), support ×4 mode*
	2 x PCIe 3.0 ×1 slots (PCIEX16_1 and PCIEX16_2)*
	1 x M.2 Socket (Key E), supports Type 2230 Wi-Fi/BT PCIe Wi-Fi module and Intel® CNVio/CNVio2
	* Supports NVMe SSD as boot disks
Integrated Graphics	Integrated Graphics Processor- Intel® UHD Graphics Support*
	> Intel® Xe Graphics Architecture (Gen 12)
	> 1 x HDMI 2.1 TMDS Compatible, supports HDCP 2.3 and max. resolution up to 4K 60Hz
	* Supported only with GPU integrated processors

Storage	CPU
	1 x M.2_1, Type 2242/2260/2280 (PCIe 4.0 ×4 mode)*
	Chipset
	1 x M.2_2, Type 2242/2260/2280/22110 (PCIe 4.0 ×4 mode)*
	1 x M.2_3, Type 2242/2260/2280 (PCIe 4.0 ×4 and SATA 6Gb/s mode)*
	4 x SATA 6Gb/s ports
	> Support RAID 0/1/10 for SATA storage devices
	> Support RAID 0/1/10 for M.2 NVMe storage devices
	* Supports NVMe SSD as boot disks
LAN	Realtek® RTL8125BG 2.5G LAN
Wireless	Dual Band Wi-Fi 6E
	> Supports IEEE 802.11 a/b/g/n/ac/ax
	> Support Dual Band 2x2 with extended 6GHz band support*
	> Supports MU-MIMO
	* Wi-Fi 6E (6GHz band) will be supported by Microsoft® Windows® 11 and availability may vary by country and region. A 6GHz compatible router is required for 6E functionality.
Bluetooth	Bluetooth V5.2
Audio	Realtek® ALC1220 Codec
	> Impedance sensing for rear out port
Rear I/O	2 x Wireless antenna SMA connectors
	1 x HDMI™ port
	2 x USB 2.0 ports
	1 x USB 3.2 Gen 2x2 Type-C port
	2 x USB 3.2 Gen 2 ports
	3 x USB 3.2 Gen 1 ports
	1 x Clear CMOS button
	1 x LAN (RJ45) port
	5 x Audio jacks
	1 x Optical S/PDIF Out port

SPECIFICATIONS



Internal I/O	1 x 24-pin ATX power connector	
	1 x 8+4-pin ATX 12V power connector	
	1 x 4-pin CPU_FAN connector (Up to 24W per channel)	
	1 x 4-pin AIO_PUMP connector (Up to 24W per channel)	
	5 x 4-pin SYS_FAN connectors (Up to 24W per channel)	
	4 x NZXT RGB LED connectors	
	2 x 5V Addressable RGB LED connector	
	2 x USB 2.0 header (Up to 4 USB 2.0 ports)	
	1 x USB 3.2 Gen 1 header (Up to 2 USB 3.2 Gen 1 ports)	
	1 x USB 3.2 Gen 2 front panel header (For USB Type C)	
	1 x Front panel audio connector	
	1 x Power button	
	1 x Reset button	
Accessories	4 x POST LEDs	
	1 x User's manual	
	4 x SATA cables (2 x 90 degree, 2 x 180 degree)	
	2 x Wireless antennas	
Operating System	2 x M.2 screws	
	Microsoft® Windows® 11/10 (64-bit)	
	ATX	
	305 x 244 mm	
	FCC, CE, WHQL, ErP/EuP Ready	
Form Factor		
Dimensions		
Certifications		
Warranty	3 Years	

PACKAGING INFO.

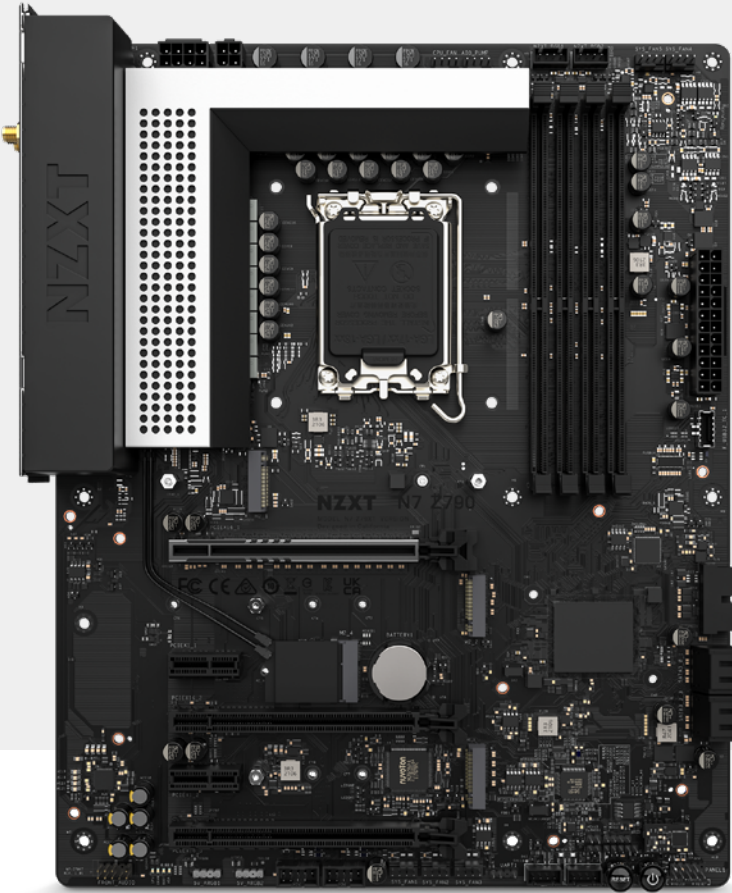


Unit (RETAIL BOX)	
Dimensions	319 x 382 x 94mm
Net Weight	1380 g
Gross Weight	2325 g
Carton	
Dimensions	492 x 329 x 410mm
Units Per Carton	5 pcs
Volume (CUFT)	2.34 ft³
Net Weight	7.7 Kg
Gross Weight	13.7 Kg
Sea Ship with Pallet	
20GP	30 cartons x 10 pallets = 300 cartons
40GP	30 cartons x 22 pallets = 660 cartons
40HQ	30 cartons x 22 pallets = 660 cartons
Air Ship With Pallet	
Pallet Size (LxWxH)	115 x 107 x 135cm
	18 cartons/pallet



	N7 Z790 - Matte White	N7 Z790 - Matte Black
Model	N7-Z79XT-W1	N7-Z79XT-B1
EAN	5056547202945	5056547202952
UPC	810074843003	810074843010

☐ Matte White



■ Matte Black

