

ASUS ROG Astral - -RTX5090-O32G-BTF-GAMING NVIDIA GeForce RTX 5090 32 GB GDDR7



Brand : ASUS

Product family: ROG

Product code: 90YV0NF0-M0AA00

Product name : ROG-ASTRAL-RTX5090-O32G-BTF-GAMING

NVIDIA GeForce RTX 5090 32GB GDDR7, 3352 TOPs, PCI Express 5.0, 28 Gbps, 512-bit, 1000W, 3.8 Slot

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The Final Frontier

The ROG Astral GeForce RTX 5090 BTF Edition is engineered for unparalleled performance and flexibility. Featuring the latest BTF technology, it incorporates an innovative detachable graphics card high-power (GC-HPWR) adapter withstand up to 1000 watts, whose detachable design ensures compatibility with both standard and BTF motherboards.

To keep this powerhouse cool, the ROG Astral RTX 5090 BTF boasts a quad-fan design, complemented by a patented vapor chamber, increased heatsink fin density, and a phase-change GPU thermal pad. These advanced cooling solutions, combined with towering default clock speeds and boosted power delivery, ensure it's ready to conquer even the most demanding gaming scenarios.

Processor		Performance	
CUDA *	✓	HDCP	✓
CUDA cores	21760	HDCP version	2.3
Graphics processor family *	NVIDIA	Dual Link DVI *	✗
Graphics processor *	GeForce RTX 5090	NVIDIA G-SYNC	✓
Processor boost clock speed	2580 MHz	NPU performance up to	3352 TOPs
Processor frequency (OC mode)	2610 MHz	Overclocked (OC) edition	✓
Maximum resolution *	7680 x 4320 pixels	Design	
Parallel processing technology support *	Not supported	Cooling type *	Active
Maximum displays per videocard	4	Cooling technology	ASUS Axial-tech
Memory		Number of fans	4 fan(s)
Discrete graphics card memory *	32 GB	Form factor	Full-Height/Full-Length (FH/FL)
Graphics card memory type *	GDDR7	Number of slots	3.8
Memory bus *	512 bit	Illumination	✓
Data transfer rate	28 Gbit/s	Illumination colour	Multi
Ports & interfaces		Product colour	Black, Grey
Interface type *	PCI Express 5.0	Power	
HDMI ports quantity *	2	Minimum system power supply *	1000 W
HDMI version	2.1b	Supplementary power connectors	1x 16-pin
DisplayPorts quantity *	3	Weight & dimensions	
DisplayPort version	2.1b	Length	357.6 mm
Performance		Depth	76 mm
TV tuner integrated *	✗	Height	149.3 mm
OpenGL version *	4.6	Packaging data	
		Package type	Box
		Packaging content	
		Manual	✓



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Catalog Object Cloud



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