

ASUS ROG Astral - -RTX5080-O16G-GAMING NVIDIA GeForce RTX 5080 16 GB GDDR7

Brand : ASUS

Product family: ROG

Product code: 90YV0LV0-MONA00

Product name : ROG-ASTRAL-RTX5080-O16G-GAMING



NVIDIA GeForce RTX 5080 16GB GDDR7, PCI Express 5.0, OpenGL 4.6, 256-bit, HDMI, DisplayPort, 850W

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The Final Frontier

The new ROG Astral family was inspired by the limitless expanse and beauty of the cosmos, and it is a testament to an unending dedication to exploring and defining new frontiers. In that spirit, the ROG Astral GeForce RTX 5080 introduces ROG's first quad-fan graphics card, coupled with a patented vapor chamber, increased heatsink fin density, a phase-change GPU thermal pad, towering default clock speeds, boosted power delivery, and more. These premium innovations – amplified by an eye-catching die-cast frame and metal GPU bracket – combine to deliver absolute performance that can handle even the most demanding gaming scenarios.



Processor		Performance	
CUDA *	✓	Dual Link DVI *	✗
CUDA cores	10752	NVIDIA G-SYNC	✓
Graphics processor family *	NVIDIA	Design	
Graphics processor *	GeForce RTX 5080	Cooling type *	Active
Processor boost clock speed	2760 MHz	Number of fans	4 fan(s)
Maximum resolution *	7680 x 4320 pixels	Form factor	Full-Height/Full-Length (FH/FL)
Parallel processing technology support *	Not supported	Number of slots	3.8
Maximum displays per videocard	4	Illumination	✓
Memory		Illumination colour	Multi
Discrete graphics card memory *	16 GB	Product colour	Multicolour
Graphics card memory type *	GDDR7	Power	
Memory bus *	256 bit	Minimum system power supply *	850 W
Data transfer rate	30 Gbit/s	Supplementary power connectors	1x 16-pin
Ports & interfaces		System requirements	
Interface type *	PCI Express 5.0	Windows operating systems supported	✓
HDMI ports quantity *	2	Weight & dimensions	
HDMI version	2.1b	Weight	2.86 kg
DisplayPorts quantity *	3	Length	357.6 mm
DisplayPort version	2.1a	Depth	76 mm
Performance		Height	149.3 mm
OpenGL version *	4.6	Packaging data	
Virtual Reality (VR) ready	✓	Package width	420 mm
HDCP	✓	Package depth	226 mm
HDCP version	2.3	Package height	126 mm
		Package weight	4.3 kg

Packaging data

Package type

Box



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