

PRIME-RTX5070-O12G

Primed for Power

ASUS Innovations



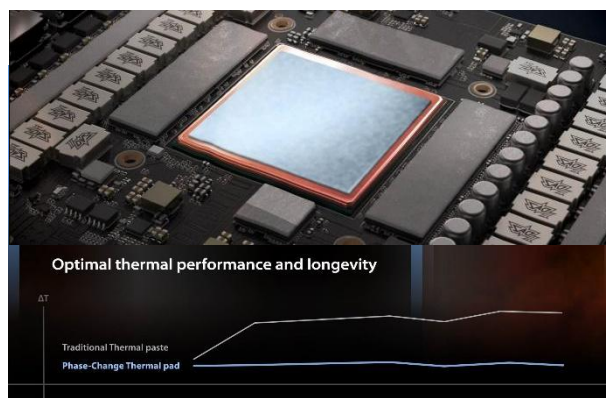
COOLING

MaxContact design increases GPU heatsink contact by 5% for enhanced heat spreading, and a vented backplate optimizes airflow and thermals in tandem with dynamic Axial-tech fans.



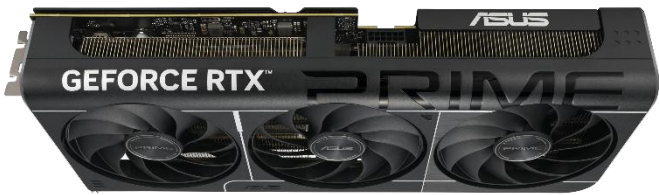
RELIABILITY

Dual-ball fan bearings, phase-change GPU thermal pad and automated manufacturing ensure long-term reliability. ASUS GPU Guard and a steel GPU bracket reinforce the die, and a 304 stainless steel I/O bracket provides firm mounting.



DESIGN

Auto-Extreme Technology is an automated manufacturing process that helps ensure reliability. ASUS GPU Guard and a steel GPU bracket reinforce the die, and a 304 steel rear I/O bracket provides firm mounting.

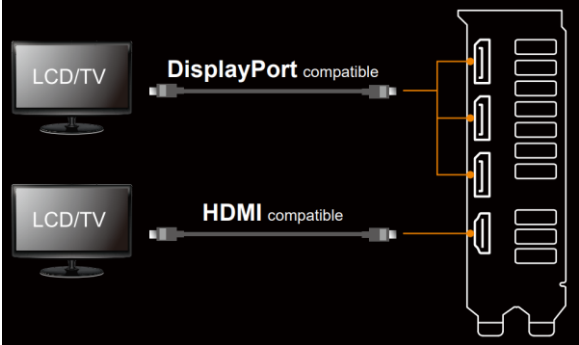


SOFTWARE

GPU Tweak III empowers hardware tweaking and monitoring, while the bundled MuseTree and 1-month Adobe Creative Cloud trial* kickstart your creative journey with AI magic.



* Limited-time bundle. Promotion period may change without notice.

ASUS Features		I/O Specifications
<div>OC Edition</div> <div>12GB GDDR7 Memory</div>	OC edition 2587 MHz GPU boost clock in OC mode for outstanding gaming experience.	
	12GB GDDR7 Memory On-board memory for the best gaming experience & the best resolution.	

Specifications

Model Name	PRIME-RTX5070-O12G
Graphics Engine	NVIDIA® GeForce RTX™ 5070
CUDA Cores	6144
OpenGL®	OpenGL® 4.6
Engine Clock	OC mode: 2587MHz Default mode: 2557MHz (Boost Clock)
Memory Interface	192 bit
Video Memory	12 GB GDDR7
Memory Clock	28 Gbps
AI Performance	1005
Power Connector	1 x 16-pin
I/O	1 x Native HDMI 2.1b 3 x Native DisplayPort 2.1b
HDCP Compliant	HDCP 2.3
Digital Max. Resolution	7680 x 4320
Maximum Display Support	4
NVLink/Crossfire Support	NA
Recommended PSU	750W
Bus Standard	PCIe 5.0
Package Contents	1 x Speedsetup Manual 1 x ASUS Velcro Hook & Loop 1 x Thank You Card 1 x Adapter Cable (1 to 2)
Software Bundled	ASUS GPU Tweak III & MuseTree & GeForce Game Ready Driver & Studio Driver: please download all software from the support site.
Slot	2.5 slot
Dimension	
Card Size (mm/inch)	304 x 126 x 50 mm 12 x 5 x 2 inch
Color Box (mm)	405 x 233 x 88.5 mm
Weight	
Single Card (KG)	1.023kg
Product Weight (with packing) (KG)	1.672kg
Note	<p>* Our wattage recommendation is based on a fully overclocked GPU and CPU system configuration. For a more tailored suggestion, please use the “Choose By Wattage” feature on our PSU product page: https://rog.asus.com/event/PSU/ASUS-Power-Supply-Units/index.html</p> <p>* All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets. If you do not use the latest and current specifications of ASUS products, you shall be liable for all loss and damage claimed by third party to ASUS based on false advertising or any other issues caused from using false specifications of ASUS products.</p> <p>* Maximum Display Support is specifically applied to simultaneous display situation.</p>
Certifications	■ FCC ■ CE ■ C-TICK ■ BSMI ■ KCC ■ VCCI

