TUF GAMING

Game TUF. Built to Last.

ASUS innovations

■ DURABILITY

Military-graded chokes, MOSFETs and capacitors, phase-change GPU thermal pad, a protective PCB coating and dual-ball fan bearings help ensure long-term durability for your gaming build.
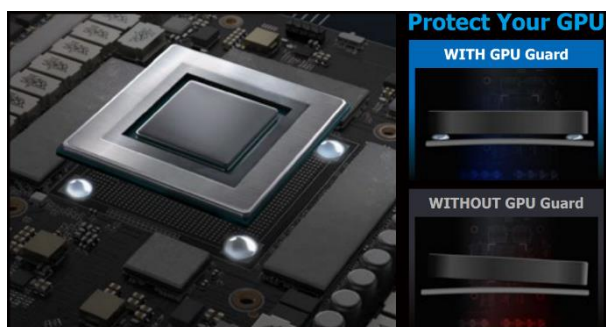
■ COOLING

ASUS MaxContact design creates extra heatsink flatness for better contact with the die and improved thermal transfer. This lets Axial-tech fans and the vented backplate efficiently dissipate heat, keeping noise levels down and GPU temperatures under tight control.

■ RELIABILITY

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.

Protect Your GPU
WITH GPU Guard
WITHOUT GPU Guard

*For illustration only

■ SOFTWARE

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

MuseTree
1 MONTHS FREE Adobe Creative Cloud

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

ASUS Features
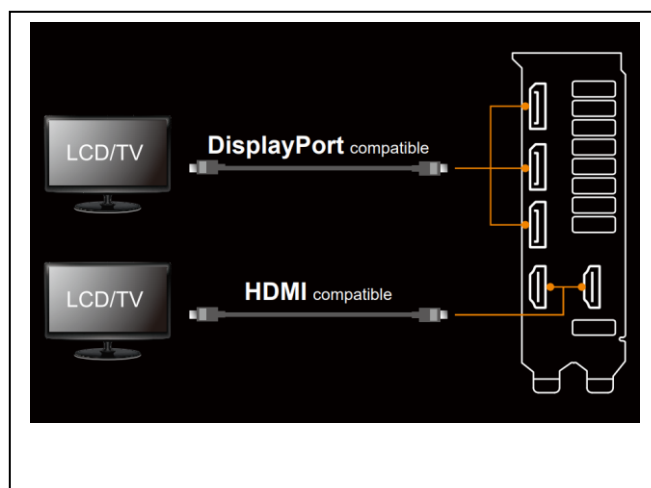

16GB GDDR7 Memory: On-board memory for the best gaming experience & the best resolution.

OC Edition:
2610 MHz GPU boost clock in OC mode for outstanding gaming experience.

I/O Specifications

LCD/TV
DisplayPort compatible

LCD/TV
HDMI compatible

Specifications

Model name	TUF-RTX5070TI-O16G-GAMING
Graphics Engine	NVIDIA® GeForce RTX™ 5070 Ti
CUDA cores	8960
OpenGL®	OpenGL® 4.6
Engine Clock	OC mode: 2610 MHz Default mode: 2588 MHz(Boost clock)
Memory Interface	256 bit
Video Memory	16 GB GDDR7
Memory Speed	28 Gbps
AI Performance	1484
Power Connector	1 x 16-pin
I/O	2 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	850 W
Bus Standard	PCIE 5.0
What's in the box	1 x Speedsetup Manual 1 x TUF Graphics Card Holder 1 x TUF Velcro Hook & Loop 1 x TUF Magnet 1 x TUF Gaming Certificate 1 x Thank You Card 1 x Adapter Cable (1 to 3)
Software Bundled	ASUS GPU Tweak III & MuseTree & GeForce Game Ready Driver & Studio Driver: please download all software from the support site.
Slot	3.125 slot
Dimension	
Card Size (cm/inch)	329*140*62.5 mm 12.95 * 5.51 * 2.46 inch
Color Box (mm)	420*226*87 (mm)
Weight	
Single Card (KG)	1.616 kg
Product Weight (with packing) (KG)	2.41 kg
Note	* 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 * 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. * Maximum Display Support is specifically applied to simultaneous display situation.
Certifications	■ FCC ■ CE ■ C-TICK ■ BSMI ■ KCC ■ VCCI

Stainless Steel 304

THANK YOU
for Purchasing an ASUS Graphics Card

Each ASUS graphics card is meticulously crafted and thoroughly tested to deliver the quality you expect from a premium product. We hope you enjoy your purchase!

To download drivers and software, please visit the ASUS support site at: https://www.asus.com/support/ then select 'Graphics Cards' from the menu, followed by your product. Finally, please click on 'Driver & Utility', choose the operating system, and download the relevant files.

ASUS

QUICK START GUIDE
GRAPHICS CARD

TUF GAMING
BE TOUGH · GAME TUF

TUF GAMING