

TUF 3-RX5600XT-T6G-EVO-GAMING

Built TUF

ASUS innovations

- **Axial-tech fan design** features longer fan blades and a unique barrier ring to increase air pressure.
- **Dual ball fan bearings** can last up to twice as long as sleeve bearing designs.
- A **protective backplate** secures components during transportation and installation.
- **144-hour validation program** puts cards through a series of stringent tests to ensure compatibility with the latest games.
- **Super Alloy Power II** includes premium alloy chokes, solid polymer capacitors, and an array of high-current power stages.
- **GPU Tweak II** provides intuitive performance tweaking, thermal controls, and system monitoring.
- Free 1-year premium **XSplit Gamecaster** and Six-month **WTFast** premium license.



Axial-tech Fan Design

Longer fan blades and a unique barrier ring increase air pressure.



Dual Ball Fan Bearings

Dual ball bearings can last up to twice as long as sleeve-bearing designs.



Protective Backplate

A rigid backplate prevents PCB flex and trace damage.



Subtle Lighting

The shroud features a subtle illuminated strip that creates a stylish accent for your build.



144-hour Validation Program

A series of stringent tests ensure compatibility with the latest games.

**144-Hour
Validation Program**

Software Suite

Tweak performance with GPU Tweak II, stream games with XSplit Gamecaster, get a better connection to game servers with wtfast, and earn passive income with Quantumcloud.



Free 1-year premium XSplit Gamecaster (USD 99.95 /yr). Six-month wtfast premium license* —a USD\$53.95 value —to let user enjoy online gaming that's free from lag, latency and lost packets.

ASUS Features

TOP
Overclocked
Edition

- **TOP Edition**
Up to 1770 MHz GPU boost clock in OC mode for outstanding gaming experience

6GB GDDR6
Memory

- **6GB GDDR6**
Provides ample storage for the detailed textures, meshes, and effects of modern games.

**AUTO
EXTREME**
100% Automated
Production Process

- **Auto-Extreme Technology**
An automated manufacturing process that enhances reliability.

AMD Features

AMD
RADEON
FreeSync

- **FreeSync**
Offers stutter-free and tear-free gaming.

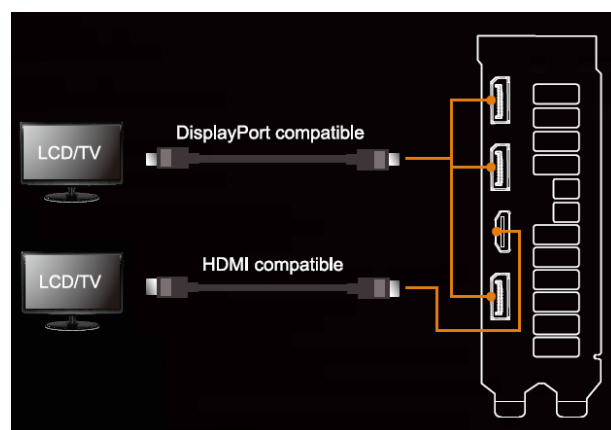
AMD
RADEON
FreeSync2 HDR

- **FreeSync2 HDR**
Meticulous monitor certification process to ensure exceptional visual experiences.

PCIe
4.0
PCI EXPRESS SUPPORT

- **PCI Express 4.0**
Enables two times the bandwidth compared to PCI Express 3.0. Get ready for the next generation of PC gaming.

I/O Specifications



Specifications

Model name	TUF 3-RX5600XT-T6G-EVO-GAMING
Graphics Engine	AMD RADEON™ RX 5600 XT
Stream Processors	2304
OpenGL	OpenGL® 4.6
Engine Clock	OC mode: up to 1660 MHz(Game Clock*)/ ~1770 MHz(Boost Clock**) Gaming mode: up to 1615 MHz(Game Clock*)/ ~1750 MHz(Boost Clock**)
Memory Interface	192-bit
Video Memory	6GB GDDR6;
Memory Speed	14Gbps
Power Connector	1x 8 pin
I/O	1x Native HDMI 2.0b 3x Native DisplayPort 1.4
HDCP compliant	HDMI HDCP 1.4 or 2.3 DisplayPort HDCP 1.1 or 2.3
Digital Max Resolution	7680 x 4320
Maximum Display Support	4
Crossfire Support	Yes***
Recommended PSU	450 W
Bus Standard	PCIE 4.0
Package Contents	1 x Speedsetup Manual 1 x Thank You Card
Slot	2.7 slot
Dimension	

Card Size (cm/inch)	28.26 x 12.85 x 5.38 cm 11.13 x 5.06 x 2.12 inch
Color Box (mm)	405 x 233 x 88.5 mm
Weight	
Single Card (KG)	1.049
Product Weight (with packing) (KG)	1.829
Note	*Game Frequency is the expected GPU clock when running typical gaming applications. Actual individual game clock results may vary. **Boost frequency is the maximum expected GPU clock when lighter workloads are run under ideal thermal and electrical condition, set to typical TGP(Total Graphics Power). Actual individual boost clock results may vary. ***Crossfire support with DX12 and Vulkan only. 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.

