

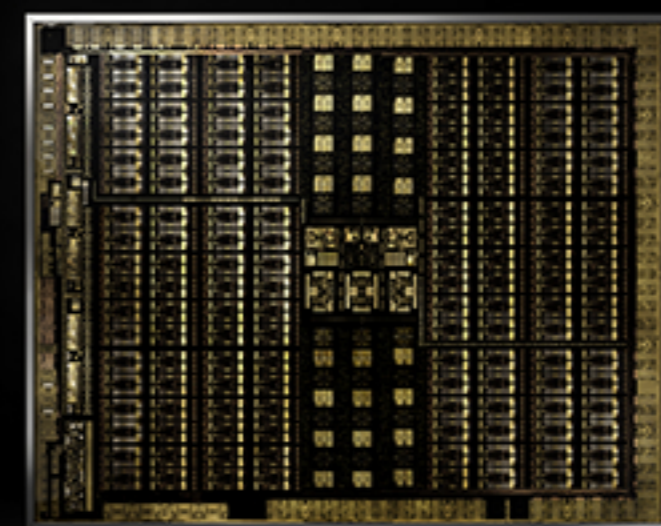
TITAN RTX

NVIDIA® TITAN RTX™ is the fastest PC graphics card ever built. It's powered by the award-winning Turing™ architecture, bringing 130 Tensor TFLOPs of performance, 576 tensor cores, and 24 GB of ultra-fast GDDR6 memory to your PC.

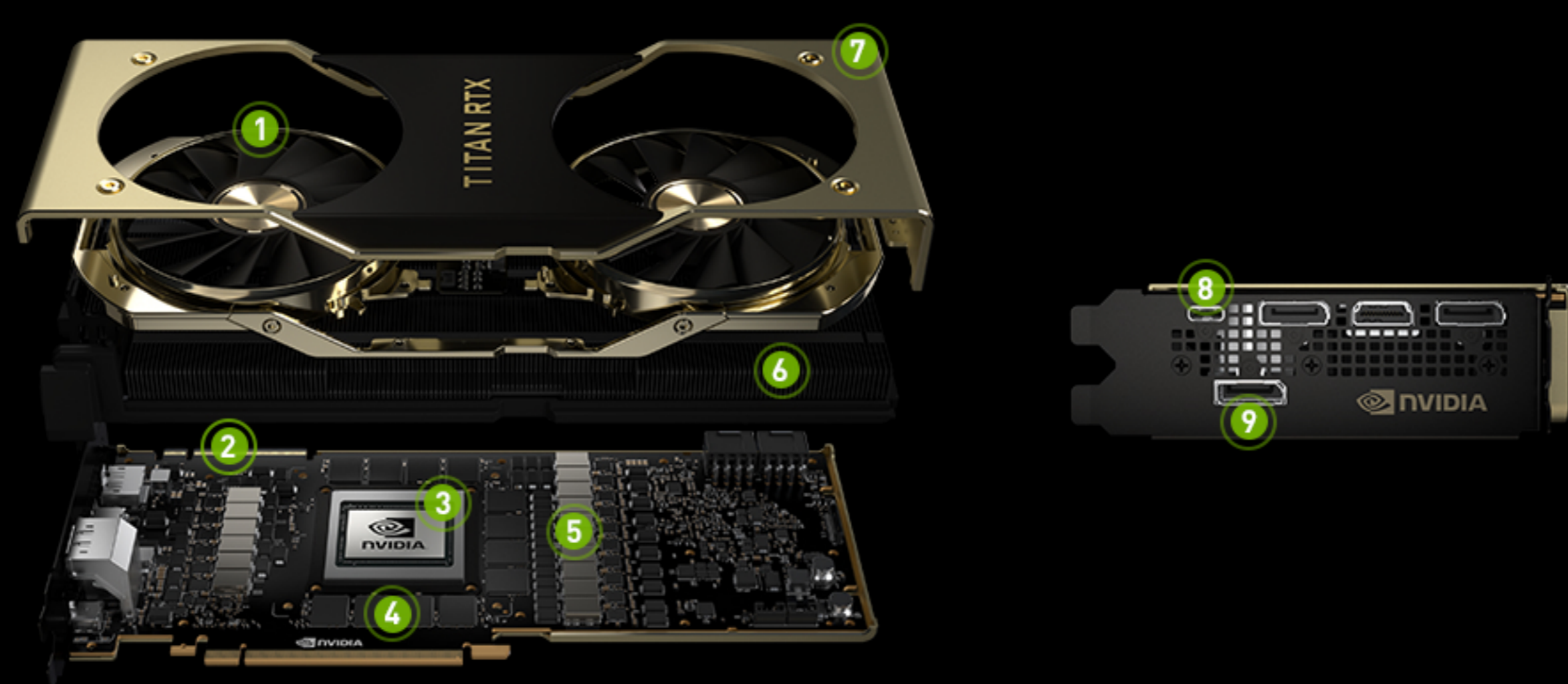


NVIDIA TURING

TITAN RTX graphics cards are powered by the Turing GPU architecture and the all-new RTX platform. This gives you up to 6X the performance of previous-generation graphics cards with the power of real-time ray tracing and AI.



ULTIMATE PERFORMANCE IN A SPECTACULAR DESIGN



- 1 FAN**
Dual 13-blade fans produce 3X higher airflow and ultra-quiet acoustics.
- 2 TITAN RTX NVLINK™ BRIDGE**
Double the effective GPU memory capacity to 48 GB and scale performance with up to 100 GB/s in total bandwidth of data transfer utilizing the NVIDIA NVLink™ technology.
- 3 NVIDIA TURING GPU**
TITAN RTX accelerates photorealistic ray-tracing with 72 RT Cores, AI workflows with 576 Tensor Cores, and parallel computing with 4608 NVIDIA CUDA® cores for developers, researchers, creators, and enthusiasts.
- 4 GDDR6 MEMORY**
24 GB of ultra-fast GDDR6 memory provides up to 672 GB/s of memory bandwidth for greater throughput and to handle larger datasets.
- 5 POWER SUPPLY**
The all new 13-phase iMON DrMOS power supply delivers more headroom and sub-millisecond power management for maximum overclocking.
- 6 VAPOR CHAMBER**
This full-card vapor chamber is 2X larger to maximize heat spreading and heat transfer to the finstack.
- 7 COVER**
A forged and machine-finished diecast aluminum cover with diamond-cut edge detailing provides a rigid, lightweight frame for an open design with beautifully smooth, continuous curves.
- 8 VIRTUALLINK**
The VirtualLink™* connector simplifies connectivity by meeting the power, display, and bandwidth demands of the next-gen HMD devices to support more immersive experiences. Disclaimer: *In preparation for the emerging VirtualLink standard, Turing GPUs have implemented hardware support according to the "VirtualLink Advance Overview". To learn more visit <http://www.virtuallink.org>.
- 9 DISPLAYPORT 1.4 8K @60 HZ**
Drive ultra-high resolutions of up to 8K @ 60 Hz from a single link.

TITAN RTX NVLINK™ BRIDGE

Double the effective GPU memory capacity to 48 GB and scale performance with up to 100 GB/s in total bandwidth of data transfer utilizing the NVIDIA NVLink™ technology.



SPECS

Architecture	NVIDIA Turing
Frame Buffer	24 GB GDDR6
Boost Clock	1770 Mhz
Tensor Cores	576
Cuda Cores	4608

MEMORY SIZE	24 GB GDDR6	
MEMORY INTERFACE	384-bit	
MEMORY BANDWIDTH	672 Gb/s	
CUDA CORES	4608	
TURING TENSOR CORES	576	
SINGLE PRECISION PERFORMANCE	16,3 Tflops	
TENSOR PERFORMANCE	130 Tflops	
TEXTURE RATE (BILINEAR)	510 GigaTexels/s	
CONNECTORS	3x DisplayPort, 1x HDMI, 1x USB Type C	
SYSTEM INTERFACE	PCI Express 3.0 x16	
POWER CONNECTORS	2x 8-pin	
MAX POWER CONSUMPTION	280 W	
THERMAL SOLUTION	active cooling	
FORM FACTOR	Dual Slot	
PART NUMBER UND EAN	TCSTITANRTX-PB	3536403371180

NVIDIA Titan RTX™

