ASRock

CHALLENGER
GRAPHICS CARD

Radeon RX 5500 XT Challenger D 8G OC (RX5500XT CLD 8GO)

Product Brief

Clock: GPU / Memory
- Boost Clock: Up to 1845 MHz / 14 Gbps
- Game Clock: Up to 1737 MHz / 14 Gbps
- Base Clock: 1685 MHz / 14 Gbps
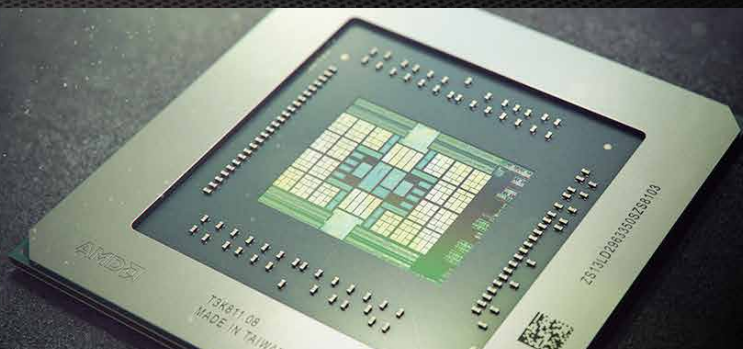
Key Specification
- AMD Radeon RX 5500 XT Graphics
- 2nd Gen 7nm GPU
- 8GB 128-bit GDDR6
- 3 x DisplayPort, 1 x HDMI
- 241 x 127 x 42mm

Key Features
- RDNA Architecture
- PCI Express 4.0 Support
- Die-casting Heatsink Design
- 8K Resolution Support
- AMD Eyefinity Technology
- Radeon FreeSync™ 2 HDR

8 GB GDDR6

4.0 PCIe PCI EXPRESS® SUPPORT

AMD RADEON Software

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

A New Extreme RDNA Architecture

The Radeon RX 5500 Series GPUs are powered by the new RDNA architecture, the heart of AMD's advanced 7nm technology process. RDNA features up to 40 completely redesigned Compute Units delivering incredible performance and up to 4x IPC improvements, new instructions better suited for visual effects such as volumetric lighting, blur effects, and depth of field, and multi-level cache hierarchy for greatly reduced latency and highly responsive gaming.

Armed with More Bandwidth

Radeon RX 5500 XT features PCI Express 4.0 support, with a throughput of 16 GT/s and enables two times the bandwidth compared to PCI Express 3.0. Get ready for the next generation of PC gaming.

Game Fidelity, Accelerated

The Radeon RX 5500 Series GPUs power high fidelity gaming for immersive explosions, physics, and lighting effects.

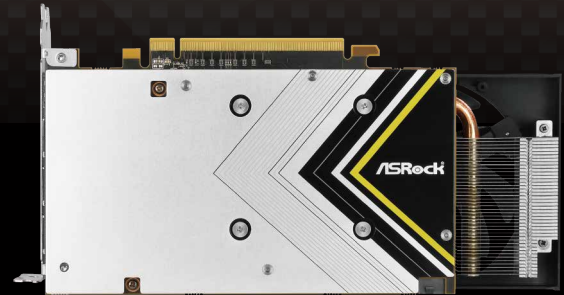**GEARS 5**

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GRAPHICS CARD

AMD RADEON RX 5500 XT

LONG LIFE DUAL FAN DESIGN

2X fans for extremely making system cooling optimized.

METAL BACKPLATE

Metal backplate makes the graphics card more strengthened and well-protected.

Heavy Workloads
(Fans Spinning)

Light Workloads
(Fans Stop)

0DB SILENT COOLING

Makes fans stop when the temperature goes low for the complete silence.

AMD EYEFINITY TECHNOLOGY

Expands the traditional limits of desktop computing by multiplying your screen area.

FreeSync™ 2 HDR

sRGB

AMD RADEON FreeSync2 HDR

RADEON FREESYNC™ 2 HDR

Low Frame-Rate Compensation, Low Latency, Plug and Play and HDR Ready.

8K Ultra HD

4K Ultra HD

Full HD

8K RESOLUTION SUPPORT

Supports next generation 8K video output for the ultimate visual experience.

Specification

Graphics Engine	AMD Radeon RX 5500 XT	Memory Bus	128-bit
Bus Standard	PCI Express 4.0 x8	Resolution	Digital Max Resolution:
DirectX	12		8K HDR 60 Hz
OpenGL	4.6	Interface	1 x HDMI 2.0b
Video Memory	GDDR6 8GB		3 x DisplayPort 1.4 with DSC 1.2a
Engine Clock	Boost Clock: 1845 MHz	HDCP Support	Yes
	Game Clock: 1737 MHz	Multi-view	4
	Base Clock: 1685 MHz	Power Connectors	1 x 8-pin
Stream Processors	1408	Accessories	1 x Quick Installation Guide
Memory Clock	14 Gbps	Dimensions	241 x 127 x 42mm