TEROS

PART NUMBER
VD8GTERX580DFD5

GRAPHICS CARD

RX 580 8 GB

AMD Radeon RX 580 · 8 GB 256-bit GDDR5 · PCIe 3.0 x16

2048 STREAM PROCESSORS
256-bit bus · 211.2 GB/s of bandwidth

AMD Radeon RX 580 GPU with 8 GB of GDDR5 on a 256-bit bus: 211.2 GB/s of bandwidth. Two fans, a 6-pin power connector and a recommended 500 W power supply. Three video outputs, with support up to 7680 x 4320.



REFERENCE IMAGE

MEMORY	BUS	BANDWIDTH	WARRANTY
8 GB GDDR5	256 bits	211.2 GB/s	24 months

WHAT IT SOLVES

Real power, with what that demands of the PC

2048 processors

Four times those of the RX 550 in this same line: the card built for gaming, not just for showing an image.

256-bit bus

211.2 GB/s of bandwidth: that is what makes the 8 GB of memory really count.

Dual fan

Two fans to sustain the load in long sessions without the card throttling from heat.

6-pin connector

It needs direct power from the supply: plan for a 500 W unit with a free PCIe cable.

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The 256-bit bus: memory capacity alone does not say much: what matters is how fast it can be read. With a 256-bit bus and a 6600 MHz clock, this card moves 211.2 GB/s, more than double the RX 550 in the same line. That is the real difference between the two, not the 8 GB.

WHERE IT DELIVERS

Built for PCs that demand graphics performance

GAMING

The line's option for gaming

2048 stream processors, 8 GB of memory and 211.2 GB/s of bandwidth: the classic profile of a card for 1080p resolutions.

- 2048 stream processors
- 1125 MHz boost
- DirectX 12

IMAGE AND VIDEO WORK

When the memory is actually used

Editing, rendering and work with large files make use of the 8 GB, backed here by the bandwidth to move them.

- 8 GB GDDR5 · 256 bits
- Up to 7680 x 4320
- HDMI · DP · DVI-D

BEFORE INSTALLING IT

What the PC must have

Unlike an office card, this one needs its own power and room for two fans inside the case.

- 500 W power supply
- 1 x 6-pin connector
- PCIe 3.0 x16 slot

DATASHEET · GRAPHICS CARD

GPU, memory, outputs and power

GPU

Graphics core	AMD Radeon RX 580
Stream processors	2048
Boost clock	1125 MHz
API	DirectX 12

MEMORY

Capacity	8 GB
Type	GDDR5 · 6600 MHz clock
Bus	256 bits
Bandwidth	211.2 GB/s

IDENTIFICATION

Deltron code	VD8GTERX580DFD5

VIDEO OUTPUTS

HDMI	1
DisplayPort	1
DVI-D	1
Maximum digital resolution	7680 x 4320

SYSTEM AND POWER

Interface	PCI Express 3.0 x16
Power connector	1 x 6-pin PCIe
Recommended power supply	500 W
Fans	2

WARRANTY AND COMPLIANCE

Warranty	24 months * TEROS products only

WARRANTY
24 months
* TEROS products only · new product (NV)

POWER
6 PINS · 500 W
Own PCIe connector and recommended 500 W supply

OUTPUTS
HDMI · DP · DVI-D
Maximum digital resolution of 7680 x 4320

For more information or project advice, contact your authorized distributor.

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