



SPARKLE Intel® Arc™ B580 GUARDIAN Graphics Card, 12GB GDDR6, TORN Cooling 2.0, Axial Fan, Breathing Light, Metal Backplate, SB580G-12G

The SPARKLE Intel® Arc™ B580 GUARDIAN Graphics Card, offers high-resolution gaming with Intel XeSS AI upscaling, ray tracing, and 8K media support, plus accelerated AI features for enhanced creation and editing through Intel AI Playground.

GUARDIAN series equipped TORN 2.0 Cooling with double customized AXL fans, 2.2-slot design and full-metal backplate. A blue breathing light effect has added a touch of elegance to your gaming setup.

SPECIFICATIONS

- Graphics Clock: 2670 MHz
- Xe-Core: 20
- Ray Tracing Units: 20
- Intel® XMX Engines: 160
- GPU Peak Tops (Int8): 233
- Memory Size: 12GB GDDR6
- Graphics Memory Interface: 192-bit
- Graphics Memory Bandwidth: 456 GB/s
- Max Res.: Up to 8K at 120Hz HDR with DSC
- PCI Express Configurations: PCI Express 4.0 x8
- TBP: 190 Watt
- Lighting: Blue Breathing Light
- EAN: 4711342290924

KEY FEATURES

- TORN Cooling 2.0
- Metal Backplate, Pre-Installed
- Ray Tracing
- Variable Rate Shading (VSR)
- DirectX 12 Ultimate
- Vulkan 1.3
- OpenGL 4.6
- OpenCL 3.0
- Adaptive Sync
- AV1 Encode / Decode
- VP9 Bitstream & Decoding
- Intel Deep Link Hyper Compute
- Intel Deep Link Hyper Encode
- Intel Deep Link Stream Assist.

RESOLUTION & REFRESH

- HDMI 2.1 (Max): 7680 x 4320 @120Hz
- 3x DisplayPort 2.1 (Max): 7680 x 4320@60Hz

REQUIREMENTS

- 10th Gen Intel® Core™ / AMD Ryzen™ 3000 Series Processors or newer with compatible motherboards supporting Resizable BAR / Smart Access Memory
- PCI-Express® compliant MB with one x16 PCIe slot
- 600W or greater PSU with 1x 8-pin PCIe power connector
- 8GB of system memory minimum, 16GB recommended
- Windows® 11 64-bit or Windows® 10 64-bit

DIMENSIONS

- Dimension: 242 x 105 x 44mm
- Weight: 796 g
- Width: 2.2-Slot