

Graphics Card SPARKLE Intel Arc B580 GUARDIAN 12GB GDDR6 192-bit



Modelis: SB580G-12G

Gamintojas: SPARKLE

EAN: 4711342290924

Prekės kodas: 436018

334.99€

SPARKLE Intel Arc B580 GUARDIAN 12GB GDDR6 Graphics Card

The SPARKLE Intel Arc B580 GUARDIAN is a high-performance graphics card designed to deliver an exceptional gaming and creative experience. Powered by the Intel Arc B580 GPU with a 2670 MHz clock speed, this card features 12GB of GDDR6 memory on a 192-bit bus, providing the bandwidth and capacity needed for modern high-resolution gaming and complex AI workflows.

Advanced Cooling and Design

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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The GUARDIAN series is equipped with the innovative TORN 2.0 Cooling system. It features double customized AXL fans and a 2.2-slot design to ensure optimal thermal management even under heavy loads. A pre-installed full-metal backplate adds structural rigidity and improves heat dissipation, while the blue breathing light effect brings a touch of sophisticated style to your PC build.

Cutting-Edge Technologies

Take advantage of the latest graphics technologies with support for DirectX 12 Ultimate and Vulkan 1.3. The card features Intel XeSS AI-enhanced upscaling for higher frame rates and Ray Tracing for realistic lighting and shadows. With 160 Intel Xe Matrix Extensions (Intel XMX) Engines and 20 Xe-cores, this card is built for both gaming and AI-accelerated content creation via the Intel AI Playground.

Main Features:

- 12GB GDDR6 memory with 192-bit bus for high-speed performance.
- TORN Cooling 2.0 with dual AXL fans and a 2.2-slot profile.
- Intel XeSS AI upscaling and Ray Tracing support.
- AV1 Hardware Encode & Decode for superior streaming and video editing.
- Multiple outputs: 3x DisplayPort 2.1 and 1x HDMI 2.1 supporting up to 8K resolution.
- Full-metal backplate for enhanced durability and aesthetics.
- Intel Deep Link technology for seamless integration with Intel CPUs.

SPARKLE is a globally recognized manufacturer of high-quality PC components, dedicated to pushing the boundaries of graphics performance and cooling efficiency through innovative engineering.

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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.

- 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

Summary: Sparkle Technology Intel ARC B580. Graphics processor family: Intel, Graphics processor: Arc B580, Processor frequency: 2670 MHz. Discrete graphics card memory: 12 GB, Graphics card memory type: GDDR6, Memory bus: 192 bit. Maximum resolution: 7680 x 4320 pixels. DirectX version: 12 Ultimate, OpenGL version: 4.6. Interface type: PCI Express x8 4.0. Cooling type: Active, Number of fans: 2 fan(s) | Vendor Homepage: <https://www.sparkle.com.tw/> | Graphics processor: Arc B580 | Graphics processor family: Intel | Maximum resolution: 7680 x 4320 | Processor frequency: 2670 | Discrete graphics card memory: 12 | Graphics card memory type: GDDR6 | Memory bandwidth (max): 456 | Memory bus: 192 | DisplayPort version: 2.1 | DisplayPorts quantity: 3 | HDMI ports quantity: 1 | HDMI version: 2.1 | Interface type: PCI Express x8 4.0 | DirectX version: 12 Ultimate | Dual Link DVI: No | Intel® Xe Matrix Extensions (Intel® XMX) Engines: 160 | OpenCL version: 3.0 | OpenGL version: 4.6 | TV tuner integrated: No | Video formats supported: VP9 | Xe-cores: 20 | Cooling type: Active | Number of fans: 2 | Number of slots: 2.2 | Product colour:

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Black/Blue/Silver | Minimum system power supply: 600 | Windows operating systems supported:
Windows 10/Windows 11 | Depth: 44 | Height: 105 | Length: 242 | Weight: 796 | Package type: Box |
Model: SPARKLE Intel Arc B580 GUARDIAN 12 GB | Units per Shipping Box: 20 | Unit Calculated
Volume: 0.00528 | Product Net Weight: 0.796 | Unit Calculated Weight: 1.3

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