



## Graphics Card

### SPARKLE Intel

### Arc B580 12 GB

### GDDR6 192 bit

### PCIE 4.0 8x

### **SB580G-12G**



Model: SB580G-12G

Manufacturer: SPARKLE

EAN: 4711342290924

Product Code: 14504

# R6,424

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

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

- 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: 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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