

SPARKLE Arc B570 Guardian Luna OC 10GB(SB570GW-10GOC)

SPARKLE Arc B570 Guardian Luna OC 10GB



Experience graphics performance with the SPARKLE Intel Arc B570 GUARDIAN Luna. This OC Edition graphics card is designed for gamers and creators alike, providing clarity on a wide range of displays. With a maximum external resolution of 7680 x 4320, enjoy detailed visuals and fluid motion, supported by a V-Sync rate of up to 120 Hz when connected via HDMI.

Equipped with 10 GB of GDDR6 SDRAM and a 160-bit bus width, the B570 GUARDIAN Luna delivers bandwidth of 380 GBps. It supports various APIs, including DirectX 12 and OpenGL 4.6, ensuring compatibility with recent software and applications. Advanced cooling technology and features like Intel Deep Link Technology and Adaptive-Sync help maintain performance during intense gaming sessions.

Key Selling Points

- Max external resolution of 7680 x 4320 for detailed graphics
- Powerful 10 GB GDDR6 SDRAM with a bandwidth of 380 GBps
- Features AV1 decode and encode support for versatile video playback
- Equipped with TORN cooling 2.0 for improved thermal management
- Supports multiple APIs including DirectX 12 and Vulkan 1.3

Product Features

- Robust performance**  
This graphics card features a boost clock speed of 2660 MHz, enhancing gaming performance and rendering speeds.
- Versatile output capabilities**  
The SPARKLE Intel Arc B570 GUARDIAN Luna offers three DisplayPort interfaces and one HDMI, accommodating a range of display setups.
- Innovative cooling technology**  
The TORN cooling 2.0 system incorporates axial fans and a metal backplate to maintain optimal operating temperatures, ensuring reliability during demanding tasks.
- Advanced graphics features**  
Experience ray tracing and variable rate shading (VRS), which provide enhanced lighting and shading effects for a more realistic gaming experience.
- Future-ready technology**  
Support for OpenCL 3.0 and Vulkan 1.3 makes this graphics card adaptable for software advancements, keeping your system ready for the future.

Main Specifications

Product Description	SPARKLE Intel Arc B570 GUARDIAN Luna - OC Edition - graphics card - Arc B570 - 10 GB
Device Type	Graphics card
Bus Type	PCI Express 4.0 x16 (x8 mode)
Graphics Engine	Intel Arc B570
Memory	10 GB GDDR6
Boost Clock	2660 MHz
Memory Interface	160-bit
Max Resolution	7680 x 4320
Max Resolution Details	DisplayPort: 7680 x 4320 at 60 Hz/ HDMI: 7680 x 4320 at 120 Hz
Interfaces Details	HDMI 1   3 x DisplayPort
API Supported	DirectX 12 Ultimate, Vulkan 1.3, OpenGL 4.6, OpenCL 3.0
Dimensions (WxDxH)	24.2 cm x 10.5 cm x 4.4 cm

# Extended Specification

## Miscellaneous

Power Consumption Operational	170 Watt
Width	24.2 cm
Depth	10.5 cm
Height	4.4 cm
Weight	796 g

## Memory

Size	10 GB
Technology	GDDR6 SDRAM
Bus Width	160-bit
Bandwidth	380 GBps

## General

Device Type	Graphics card
Bus Type	PCI Express 4.0 x16 (x8 mode)
Graphics Engine	Intel Arc B570
Boost Clock	2660 MHz
Max Resolution	7680 x 4320 at 120 Hz
Max Resolution Details	DisplayPort: 7680 x 4320 at 60 Hz/ HDMI: 7680 x 4320 at 120 Hz
Interfaces Details	HDMI   3 x DisplayPort
API Supported	DirectX 12 Ultimate, Vulkan 1.3, OpenGL 4.6, OpenCL 3.0
Features	18 Xe Cores, 18 Ray Tracing Units, 144 Intel XMX engines, TORN cooling 2.0, metal backplate, Ray Tracing, variable rate shading (VRS), Adaptive-Sync, AV1 decode support, AV1 encode support, VP9 support, Intel Deep Link Technology, axial fans

## System Requirements

OS Required	Windows 11, Windows 10
Required Power Supply	600 W
Additional Requirements	8 pin PCI Express power connector

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