



STEEL LEGEND

ASRock®

# INTEL ARC B580 STEEL LEGEND 12GB OC

## PRODUCT BRIEF:

### CLOCK: GPU / MEMORY

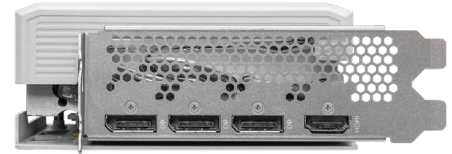
- GPU Clock: 2800 MHz
- Memory Clock: 19 Gbps

### KEY SPECIFICATION

- Intel® Arc™ B580 Graphics
- 12GB 192-bit GDDR6
- Intel® Xe2-HPG Architecture
- Intel® Xe Super Sampling (Intel® XeSS)
- Intel® Xe Matrix Extensions (Intel® XMx)
- DirectX® 12 Ultimate
- 2x 8-pin Power Connectors
- 3x DisplayPort™ 2.1 / 1x HDMI™ 2.1

### KEY FEATURES

- Polychrome SYNC
- Triple Fan Design
- Striped Ring Fan
- Stylish Metal Backplate
- Ultra-fit Heatpipe
- Air Deflecting Fin
- 0dB Silent Cooling
- Super Alloy Graphics Card



# intel ARC B580



#### Intel® Xe® Super Sampling (Intel® XeSS) AI Enhanced Performance

Get more FPS and sharper image quality with Intel® XeSS. AI upscaling models unlock higher performance and resolutions.



#### Ray Tracing

Realistic Lighting and Reflections

Experience immersive realism in gaming with real-time lighting, shadows, and reflections, delivered through upgraded Ray Tracing Units.



#### Intel® Xe® Matrix Extensions (Intel® XMx) Specialized AI Engines

Intel® XMx AI engines are at the backbone of each 2nd Gen Xe® core, accelerating AI-enhanced gaming, creation, and media generation.



#### Advanced Media Engine

Faster Creation and Editing

Create content faster with two fully-featured media transcoders that speed up processing time. Export media across the most popular formats including AV1.



POLYCHROME  
S Y N C

PLAY · CREATE · GENERATE

## POLYCHROME SYNC

Offers a comprehensive control to perform the built-in ARGB LEDs.



POLYCHROME  
S Y N C

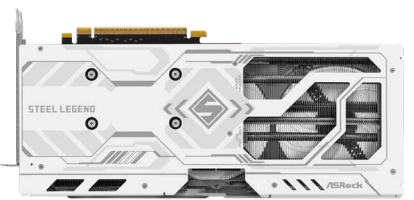
## TRIPLE FAN DESIGN

Three fans for optimized cooling capacity.



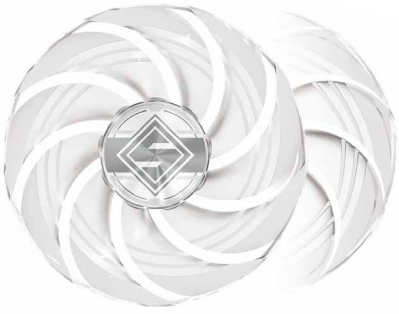
## STYLISH METAL BACKPLATE

Stylish metal backplate makes the graphics card fancy, cool and solid.



## STRIPED RING FAN

Striped ring fan gets more lateral intake to provide better airflow.



## ODB SILENT COOLING

Fans stop at low temperatures for complete silence.



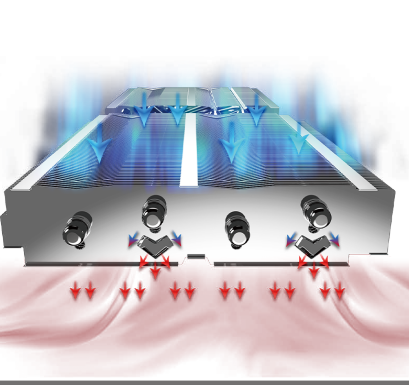
## ARGB HEADER

Connect ARGB devices to sync the lighting effects in your system.



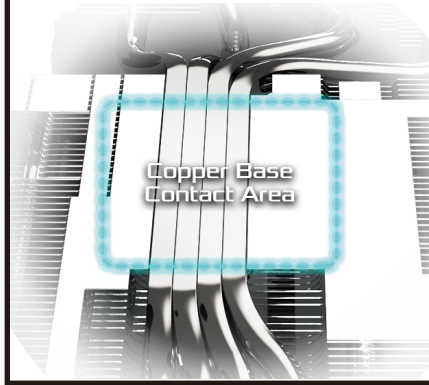
## AIR DEFLECTING FIN

Guide the airflow to go more regularly and quickly to enhance the cooling efficiency.



## ULTRA-FIT HEATPIPE

The heatpipes are consolidated to maximize the contact between them.



## LED SWITCH

Switch on/off the build-in ARGB LEDs and the connected ARGB devices at once.



## SPECIFICATION

Graphics Engine	Intel® Arc™ B580 Graphics	Interface	3x DisplayPort™ 2.1 with DSC
Bus Standard	PCI® Express 4.0 x8		1x HDMI™ 2.1
DirectX	12 Ultimate	Recommended PSU	650W
OpenGL	4.6	HDCP Support	Yes
Video Memory	12GB GDDR6	Multi-view	4
Engine Clock	2800 MHz	Power Connector	2x 8-pin
Intel® XMV Engines	320	Accessories	1x Quick Installation Guide
Memory Clock	19 Gbps	Dimensions	298 x 131 x 51 mm, 2.6-slot
Memory Bus	192-bit	Weight	959 g
Resolution	Digital Max Resolution: 7680 x 4320		



Product images for reference only.  
Product specifications may not be exactly as shown, please confirm specifications with your dealer prior to purchase.  
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