STEEL LEGEND

INTEL ARC B580 STEEL LEGEND 12GB OC

PRODUCT BRIEF:

CLOCK: GPU / MEMORY

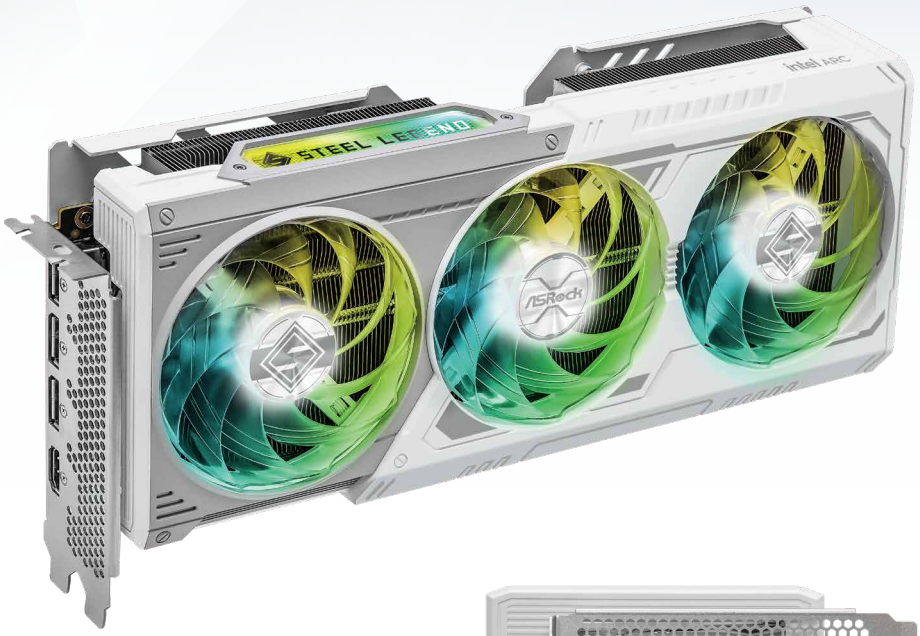
- GPU Clock: 2800 MHz
- Memory Clock: 19 Gbps

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

XeSS AI UPSCALING
Intel® Xᵉ Super Sampling (Intel® Xᵉ SS)
AI Enhanced Performance
Get more FPS and sharper image quality with Intel® XᵉSS. AI upscaling models unlock higher performance and resolutions.

XMX AI ENGINES
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.

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

ADVANCED MEDIA ENGINE
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.

OC EDITION

POLYCHROME SYNC

PLAY · CREATE · GENERATE

POLYCHROME SYNC

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



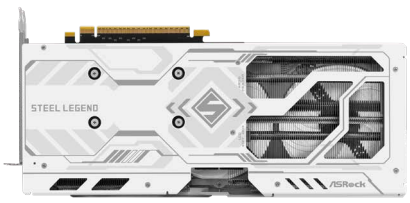
TRIPLE FAN DESIGN

Three fans for optimized cooling capacity.



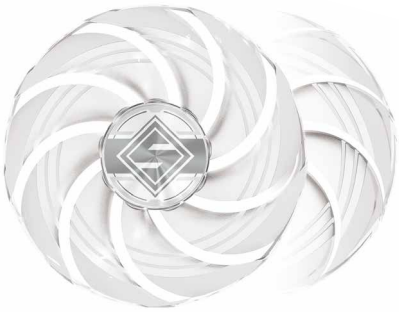
STYLISH METAL BACKPLATE

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.



0DB SILENT COOLING

Fans stop at low temperatures for complete silence.



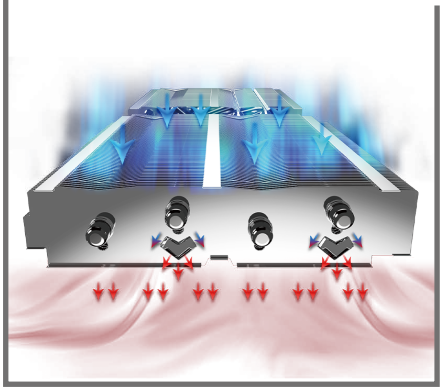
ARGB HEADER

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



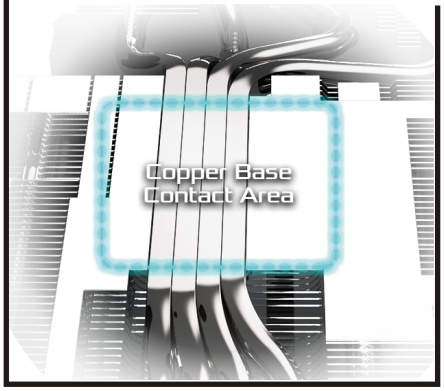
AIR DEFLECTING FIN

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
Bus Standard	PCI® Express 4.0 x8
DirectX	12 Ultimate
OpenGL	4.6
Video Memory	12GB GDDR6
Engine Clock	2800 MHz
Intel® XMX Engines	160
Memory Clock	19 Gbps
Memory Bus	192-bit
Resolution	Digital Max Resolution: 7680 x 4320

Interface	3x DisplayPort™ 2.1 with DSC 1x HDMI™ 2.1
Recommended PSU	650W
HDCP Support	Yes
Multi-view	4
Power Connector	2x 8-pin
Accessories	1x Quick Installation Guide
Dimensions	298 x 131 x 51 mm, 2.6-slot
Weight	959 g

Product images for reference only.
Product specifications may not be exactly as shown, please confirm specifications with your dealer prior to purchase.
The brand and product names are registered trademarks of respective companies.
For detailed product information, please visit our website.

ASROCK INCORPORATION
4F., No.37, Sec. 2, Jhongyang S. Rd., Beitou District, Taipei City 112, Taiwan (R.O.C.)

ASROCK EUROPE B.V.
Bijsterhuizen 11-11 6546 AR Nijmegen
The Netherlands

ASROCK AMERICA, INC.
13848 Magnolia Ave, Chino, CA91710
U.S.A.