



Graphics Card ASROCK Intel Arc A580 12 GB GDDR6 192 bit PCIE 4.0 8x GPU 2740 MHz Dual Slot Fansink 1xHDMI 3xDisplayPort B580CL12GO

Model: B580 CL 12GO

Manufacturer: ASROCK

EAN: 4711581490031

Product Code: 333007

R13,896

Dual Fan Design

Optimized Cooling Efficiency.

Provides not only the fancy outlook but also the optimized cooling efficiency for the best balance between performance and silence.

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.

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Stylish Metal Backplate

With the Phantom Gaming look, the stylish metal backplate on the Phantom Gaming graphics cards makes it more fancy in visual and solid in construction. Otherwise, the thermal pad at the backside also helps to enhance the thermal efficiency.

Striped Axial Fan

Designed For Enhanced Airflow.

ASRock's custom Striped Axial Fan delivers enhanced airflow to optimize cooling from not only the stripe structure on each fan blade but also the polishing surface on the bottom side.

LED Indicator

More Decoration. More Beauty.

Multiple-color LED Indicator embellishes the graphics card to make it more beautiful.

0dB Silent Cooling

Spin For Cooling, Stop For Silence.

The fan spins when the temperature goes high for the optimal cooling, and stops when the temperature goes low for the complete silence.

LED Switch

Switch on/off as you want.

You can switch LED on or off depends on the scenarios or your need.

Nano Thermal Paste

Perfect Thermal Teamwork.

Eliminate the gaps in the contact area to maximize heat transfer and thermal efficiency.

Ultra-fit Heatpipe

Consolidated to Maximize the Contact.

The heatpipes are consolidated to maximize the contact among each others and also the GPU baseplate for the optimized heat dissipation.

High-density Metal Welding

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Improve Heat Dissipation.

Effectively isolate all coverage of the gap between pipe and stacked fins, hence improve heat dissipation effectively.

Precise Screw Torque

Optimized Mounting Pressure.

ASRock adopts precise screw torque when assembling its graphics cards to optimize the cooler mounting pressure to improve thermal efficiency while avoiding damage to GPU die.

Game ready, feature packed

Enjoy high performance in the latest games at 1080p and 1440p with AI upscaling and ray tracing. Get the performance and features you expect, at the prices you deserve.

Game-changing, modern tech

Increase performance, responsiveness, and more with Intel® Arc™ gaming technologies.

Get exceptional performance and visual quality in over 150 games enabled with AI-boosted, Intel® Xe Super Sampling (XeSS) technology.

Make your games play smoother and more responsive with Intel® XeSS Frame Generation and Intel® Xe Low Latency technologies from Intel.

Up-to-date, software releases

Stay up to date with regular software releases supporting the latest games and get consistently improved gaming experiences.

A versatile creator toolkit

Save time and export videos quickly with twin media transcoders supporting dual-encode. Create content with support for the most popular media formats including cutting-edge AV1.

The powerful Xe media engine enables you to create and edit content quickly in high-res.

Built to explore AI

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Explore the latest AI experiences such as text to image generation and AI chatbots right on your PC. AI Playground, a free and private¹ app, brings AI capabilities together into an easy-to-use experience.²

Enjoy enhanced gaming, speed through creating, and more with specialized AI Engines built into Intel® Arc™ Graphics called Xe Matrix eXtensions (XMX).

Summary: Asrock Intel Arc B580 Challenger 12GB OC. Graphics processor family: Intel, Graphics processor: Arc B580, Processor frequency: 2740 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), Illumination colour: Blue, Green, Red | Vendor Homepage: [https://www.asrock.com/Graphics-](https://www.asrock.com/Graphics-Card/Intel/Intel%20Arc%20B580%20Challenger%2012GB%20OC/#Overview)

[Card/Intel/Intel%20Arc%20B580%20Challenger%2012GB%20OC/#Overview](https://www.asrock.com/Graphics-Card/Intel/Intel%20Arc%20B580%20Challenger%2012GB%20OC/#Overview) | Grafikos procesoriaus šeima: Intel | Grafikos procesorius: Arc B580 | Procesoriaus dažnis: 2740 | Maksimali rezoliucija: 7680 x 4320 | CUDA: Ne | Maksimalus ekranų skaičius kiekvienai vienai vaizdo plokštei: 4 | Diskrečiojo grafikos adapterio atmintis: 12 | Grafikos adapterio atminties tipas: GDDR6 | Atminties magistralė: 192 | Duomenų perdavimo sparta: 19 | Sąsajos tipas: PCI Express x8 4.0 | HDMI portų kiekis: 1 | HDMI versija: 2.1a | „DisplayPort“ kiekis: 3 | „DisplayPort“ versija: 2.1 | Integruotas TV tiuneris: Ne | „DirectX“ versija: 12 Ultimate | OpenGL versija: 4.6 | HDCP: Taip | Dvi DVI išvestys: Ne | „Intel® Xe Matrix Extensions“ („Intel® XMX“) sistemos: 160 | Aušinimo tipas: Aktyvus | Ventiliatorių skaičius: 2 | Lizdų skaičius: 2 | Apšvietimo spalva: Mėlyna/Raudona/Žalia | Produkto spalva: Juoda | Minimalus sistemos maitinimas: 650 | Papildomos maitinimo jungtys: 1x 8-pin | Svoris: 720 | Ilgis: 249 | Ilgis: 41 | Aukštis: 132 | Pakuotės tipas: „Box“ | Bruto svoris: 1.2 | Neto svoris: 0.72 | Vienetų skaičius vienoje siuntimo dėžėje: 10 | Vieneto plotis: 22 | Shipping Box Height: 24 | Vieneto gylis: 36.5 | Vieneto aukštis: 6.5 | Name: VGA PCIE8 ARC B580 12GB GDDR6/B580 CL 12GO ASROCK | Model: B580 CL 12GO

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