Intel® Arc™ B-Series Graphics Cards

Play, Create, Generate. Modern Graphics for Everyone

Intel® Arc™ B-Series graphics cards are packed with modern technologies to enable anyone to play the latest games from 1080p to 1440p. Powerful media processing and dedicated AI engines enable fast & versatile content creation plus cutting-edge generative AI capabilities.

Product	Xᵉ-cores	Ray Tracing Units	XMX AI Engines (Xᵉ Matrix Extensions)	Memory Size	Memory Interface	Total Board Power*	Encode/Decode AV1 / HEVC / AVC	Peak AI TOPS*	Graphics Clock*	Display Connectors
Intel® Arc™ B580 Graphics	20	20	160	12 GB	192 bit	190W	Yes	233	2670 MHz	3x DP 2.1 1x HDMI 2.1
Intel® Arc™ B570 Graphics	18	18	144	10 GB	160 bit	150W	Yes	203	2500 MHz	3x DP 2.1 1x HDMI 2.1

* Based on stock configuration. Partner designs may vary

The Complete Gaming Experience

The ideal choice for 1440p and 1080p gamers everywhere, boosted with AI-powered XᵉSS 2; smoother, faster gaming with lower latency through software enhancements.

XᵉSS 2 | **Real Time Ray Tracing** | **Up to 12GB of Memory**

A Versatile Creator Toolkit

Create graphically intensive content with ease through dedicated hardware acceleration, then edit quickly with the powerful Xᵉ Media Engine, featuring twin encoders (MFX blocks) for supercharged video exporting,.

Xᵉ Media Engine | **AV1 Transcoding** | **Broad Codec Support**

Engineered to Accelerate AI

Equipped with specialized XMX AI engines to execute cutting edge AI workloads such as text-to-image creation and customizable chatbots; easily accessible with free and simple to use Intel AI Playground. **

XMX AI Engines | **AI Playground** | **Cutting-Edge AI Ready**

**Visit intel.com/ai-playground to learn more

Notices & Disclaimers

- Performance varies by use, configuration and other factors. Learn more at www.Intel.com/PerformanceIndex
- Performance results are based on testing as of dates shown in configurations and may not reflect all publicly available updates. No product or component can be absolutely secure.
- AI features may require software purchase, subscription or enablement by a software or platform provider, or may have specific configuration or compatibility requirements. Data privacy advantages refer to non-cloud-based AI apps. Learn more at intel.com/AIPC.
- Intel technologies may require enabled hardware, software or service activation. All product plans and roadmaps are subject to change without notice.
- Code names are used by Intel to identify products, technologies, or services that are in development and not publicly available. These are not "commercial" names and not intended to function as trademarks.
- Warning for Voltage Offset: Applying an overvoltage can damage your GPU and lead to the reduction in the lifespan of your GPU or reduction in overall system stability.
- Statements that refer to future plans or expectations are forward-looking statements. These statements are based on current expectations and involve many risks and uncertainties that could cause actual results to differ materially from those expressed or implied in such statements. For more information on the factors that could cause actual results to differ materially, see our most recent earnings release and SEC filings at www.intc.com.
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