GAR-A750E

Advanced graphics card with Intel® Arc™ A750E GPU architecture

Features

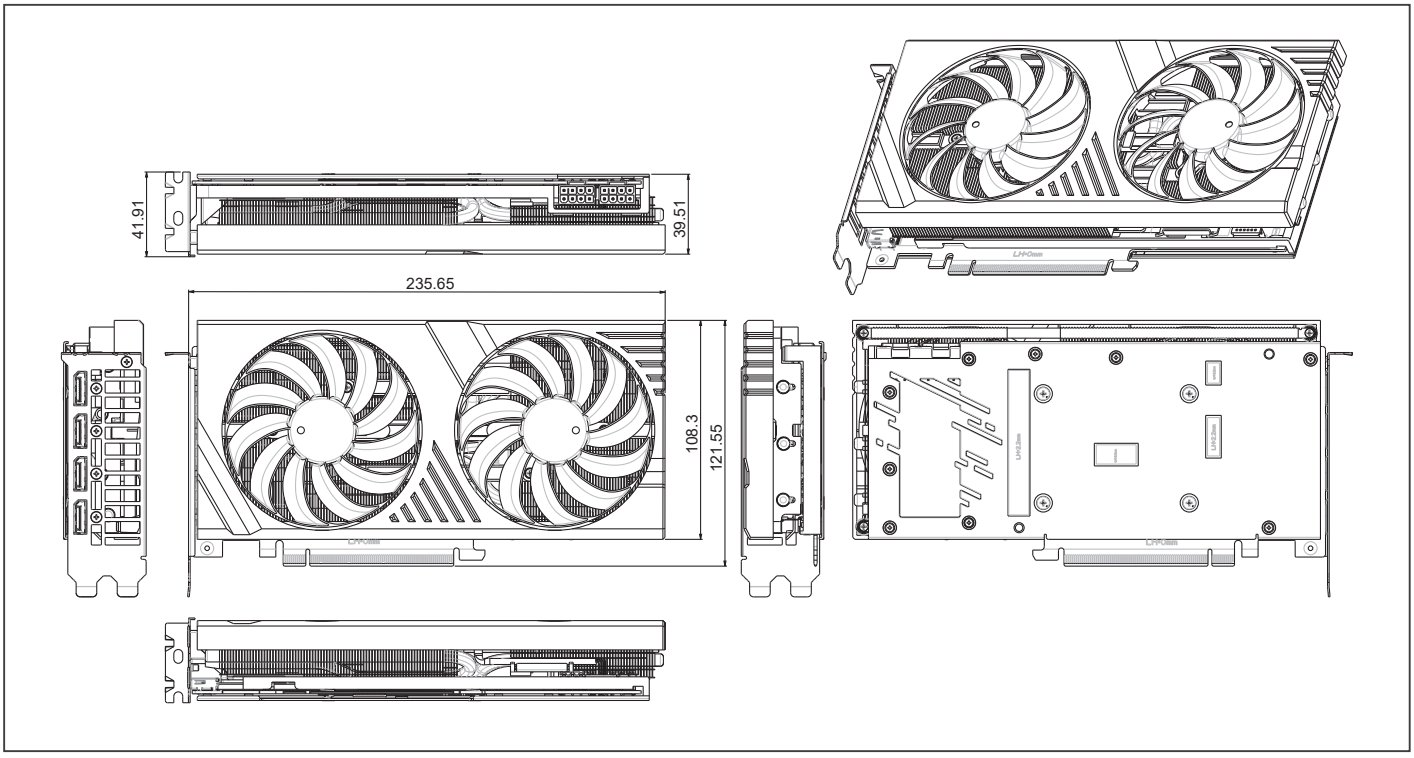
- **High-Performance Graphics: 2400MHz turbo frequency, 28 Xe-Cores, and 28 Ray Tracing Units**
- **16GB GDDR6 Memory: 256-bit interface, 16 Gbps memory speed.**
- **Broad Compatibility: PCIe 4.0 x16 interface for versatile motherboard compatibility.**
- **Quad Display Support: Simultaneous display outputs up to 7680 x 4320 @ 60Hz.**
- **Video Encoding/Decoding: H.264, H.265 (HEVC), AV1, and VP9 hardware support.**
- **Advanced Technologies: Ray tracing, variable rate shading (VSR), and DirectX 12 Ultimate.**
- **Intel Deep Link Integration: Benefit from Intel Deep Link features for enhanced AI and media processing**

System	
Graphics High Frequency	2050MHz
Graphics Turbo Frequency	2400MHz
Xe-Core	28
Render Slices	7
Ray Tracing Units	28
Intel® XMX Engines	448
Xe Vector Engines	448
Memory Size	16GB GDDR6
Graphics Memory Interface	256 bit
Graphics Memory Bandwidth	560 GB/s
Graphics Memory Speed	17.5 Gbps
Bus Type	PCI Express 4.0 x16
TBP	225W
Display output	DP 2.0 x 4 up to UHBR 10
Resolution	DP: 7680 x 4320@60Hz
H.264 Hardware Encode/Decode	Yes
H.265 (HEVC) Hardware Encode/ Decode	Yes
AV1 Encode/Decode	Yes
VP9 Bitstream & Decoding	Yes
Features	
Ray Tracing	Yes
Variable Rate Shading (VSR)	Yes
DirectX Support	DirectX 12 Ultimate
Vulkan	1.3
OpenGL	Up to 4.6
OpenCL	3.0
Adaptive Sync	Yes
AV1 Encode / Decode	Yes
VP9 Bistream & Decoding	Yes
Intel Deep Link Hyper Compute	Yes
Intel Deep Link Hyper Encode	Yes
Intel Deep Link Stream Assist	Yes
Mechanical	
Dimension	236mm x 109mm x 42mm
Requirement	
Minimum recommended PSU	550 Watt or greater (for single graphics card configuration)
PCIe power connector	Two available 8-pin or 6+2pin
OS	Windows 11, Windows 10, Ubuntu 24.04(kernel version 6.8) & Ubuntu 22.04(kernel version 5.15)
Graphics slot	PCI Express 3.0, 4.0 or 5.0 compliant motherboard with one

Note: All specifications are subject to change without notice.

Dimension

Unit: mm



Packing List

- GAR-A750E

Ordering Information

- GAR-A750E-A10