

Graphics		Processor special features	
On-board graphics card DirectX version	12.0	Intel® Volume Management Device (VMD)	✓
On-board graphics card OpenGL version	4.5	Mode-based Execute Control (MBE)	✓
On-board graphics card maximum resolution (DisplayPort)	7680 x 4320 pixels	Intel® Standard Manageability (ISM)	✓
On-board graphics card maximum resolution (eDP - Integrated Flat Panel)	5120 x 3200 pixels	Intel® Threat Detection Technology (TDT)	✓
On-board graphics card maximum resolution (HDMI)	4096 x 2160 pixels	Operational conditions	
On-board graphics card refresh rate at maximum resolution (DisplayPort)	60 Hz	Tjunction	100 °C
On-board graphics card refresh rate at maximum resolution (eDP - Integrated Flat Panel)	120 Hz	Technical details	
On-board graphics card refresh rate at maximum resolution (HDMI)	60 Hz	OpenCL version	3.0
On-board graphics card ID	0x4692	Launch date	Q1'23
Discrete graphics card model *	Not available	Status	Launched
Number of execution units	24	Logistics data	
Multi-Format Codec Engines	1	Harmonized System (HS) code	8542310001
Features		Packaging data	
Execute Disable Bit	✓	Package type	Retail box
Idle States	✓	Weight & dimensions	
Thermal Monitoring Technologies	✓	Processor package size	45 x 37.5 mm
Market segment	Desktop	Other features	
		L2 cache	5120 KB
		Maximum internal memory	192 GB
		Graphics output	eDP 1.4b, DP 1.4a, HDMI 2.1



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