



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	<b>Operational conditions</b>	
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	<b>Technical details</b>	
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	<b>Logistics data</b>	
Multi-Format Codec Engines	1	Harmonized System (HS) code	8542310001
<b>Features</b>		<b>Packaging data</b>	
Execute Disable Bit	✓	Package type	Retail box
Idle States	✓	<b>Weight &amp; dimensions</b>	
Thermal Monitoring Technologies	✓	Processor package size	45 x 37.5 mm
Market segment	Desktop	<b>Other features</b>	
Use conditions	PC/Client/Tablet	L2 cache	5120 KB
		Maximum internal memory	192 GB
		Graphics output	eDP 1.4b, DP 1.4a, HDMI 2.1



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