



Graphics		Processor special features	
Number of displays supported (on-board graphics)	4	Intel® Optane™ Memory Ready	✓
On-board graphics card DirectX version	12.0	Intel® Boot Guard	✓
On-board graphics card OpenGL version	4.5	Intel® Deep Learning Boost (Intel® DL Boost)	✓
On-board graphics card maximum resolution (DisplayPort)	7680 x 4320 pixels	Intel® Volume Management Device (VMD)	✓
On-board graphics card maximum resolution (eDP - Integrated Flat Panel)	5120 x 3200 pixels	Mode-based Execute Control (MBE)	✓
On-board graphics card maximum resolution (HDMI)	4096 x 2160 pixels	Intel® Standard Manageability (ISM)	✓
On-board graphics card refresh rate at maximum resolution (DisplayPort)	60 Hz	Intel® Threat Detection Technology (TDT)	✓
On-board graphics card refresh rate at maximum resolution (eDP - Integrated Flat Panel)	120 Hz	<b>Operational conditions</b>	
On-board graphics card refresh rate at maximum resolution (HDMI)	60 Hz	Tjunction	100 °C
On-board graphics card ID	0x4692 / 0x4682	<b>Technical details</b>	
Discrete graphics card model *	Not available	Target market	Gaming
Number of execution units	24	OpenCL version	2.1
Multi-Format Codec Engines	1	Launch date	Q1'22
<b>Features</b>		Status	Launched
Execute Disable Bit	✓	<b>Logistics data</b>	
Idle States	✓	Harmonized System (HS) code	8542310001
Thermal Monitoring Technologies	✓	<b>Packaging data</b>	
Market segment	Desktop	Package type	Retail box
Use conditions	PC/Client/Tablet	<b>Weight &amp; dimensions</b>	
		Processor package size	45 x 37.5 mm
		<b>Other features</b>	
		Maximum internal memory	128 GB
		Graphics output	eDP 1.4b, DP 1.4a, HDMI 2.1



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