

Intel Core i5-12400 processor 18 MB Smart Cache

Brand : Intel Product family: Core Product code: CM8071504650608

Product name: i5-12400

Intel® Core™ i5-12400 Processor (18M Cache, up to 4.40 GHz) FC-LGA16A, Tray
Intel Core i5-12400. Processor family: Intel® Core™ i5, Processor socket: LGA 1700, Processor
manufacturer: Intel. Memory channels: Dual-channel, Maximum internal memory supported by
processor: 128 GB, Memory types supported by processor: DDR4-SDRAM, DDR5-SDRAM. On-board
graphics card model: Intel UHD Graphics 730, On-board graphics card outputs supported: Embedded
DisplayPort (eDP) 1.4b, DisplayPort 1.4a, HDMI 2.1, On-board graphics card base frequency: 300 MHz.
Market segment: Desktop, Use conditions: PC/Client/Tablet, PCI Express slots version: 5.0, 4.0. Package
type: Retail box







Processor Processor manufacturer* Intel Maximum number of PCI Express 20 Processor generation 12th gen Intel® Core** i5 lanes 5.0, 4.0 Processor model * 15.12400 PCI Express solists version 5.0, 4.0 Processor malmy * Intel® Core** i5 PCI Express configurations 13.16+11x4, 2x8+11x4 Processor cores * 6 Supported instruction sets SSE4.1, SSE4.2, AVX 2.0 Processor socket * LCA 1700 Scalability 1 Processor poperating modes ** 64-bit Embedded options available X Performance core 4.4 GBZ Embedded options available X Performance core boss frequency 4.4 GBZ Export Control Classification Ao992CN3 Performance-core boss frequency 2.5 GBZ Commodity Classification G167599 Processor cache type IB MB Automated Tracking System G167599 Processor base power 65 W Intel® Hyper Threading Technology C Maximum turbo power 117 W Intel® Processor Active Bit Databases 2.0 Memory bandwidth supported by pro				
Processor generation 12th gen Intel® Core™ 15 lanes ZU Processor model ** 15:12400 PCI Express slots version 5.0, 4.0 Processor model ** Intel® Core™ 15 PCI Express configurations 1x16+1x4, 2x8+1x4 Processor cores* 6 Supported instruction sets SSE4.1, SSE4.2, AVX 2.0 Processor socket ** LGA 1700 Scalability 15 Processor socket ** LGA 1700 Embedded options available X Performance cores 6 4-bit Embedded options available X Performance core so strequency 4.4 GB2 Export Control Classification A.992CN3 Performance-core base frequency 2.5 GHz Commodity Classification A.992CN3 Processor cache 18 MB Automated Tracking System G167599 Processor cache 18 MB Automated Tracking System G167599 Processor base power 65 W Intel® (Pyper Threading Technology) A.0 Maximum turbe power 117 W Intel® (Pyper Threading Technology) 2.0 Memory bandwidth supported by processor (max) 76.8 GB	Processor		Features	
Processor generation Processor generation Processor family* Processor rome is12400 PCI Express slots version 1,16+1x4, 2x8+1x4 Processor cores* 6	Processor manufacturer *		•	20
Processor family Intel® Core™ 15 Intel® Core™ 15 Supported instruction sets SSE4.1, SSE4.2, AVX 2.0 Processor socket LGA 1700 Scalability Torcessor threads 12 CPU configuration (max) 1 Processor operating modes 64-bit Embedded options available X Performance cores 6 CPU configuration (max) 1 Processor operating modes 4.6 Hz Embedded options available X Performance cores 6 CPU configuration (max) 1 Processor obst frequency 4.4 GHz Embedded options available X Performance-core boost frequency 4.4 GHz Export Control Classification Performance-core base frequency 2.5 GHz Commodify Classification Processor cache 18 MB Automated Tracking System Processor cache 18 MB Automated Tracking System Processor cache 19 MB Automated Tracking System Processor base power 65 W Intel® Hyper Threading Technology Maximum turbo power 117 W (Intel® HT Technology) (Intel® HT Technology) Maximum number of DMI lanes 8 Intel® Clear Video Technology Maximum number of DMI lanes 8 Intel® Clear Video Technology Memory bandwidth supported by 76.8 GB/s Intel® Clear Video HD Technology Maximum internal memory 134586 Intel® Clear Video HD Technology Maximum internal memory 128 GB Intel® Clear Video HD Technology Maximum internal memory 128 GB Intel® Clear Video HD Technology Maximum internal memory 128 GB Intel® Clear Video HD Technology Memory bandwidth (max) 76.8 GB/s Intel® Clear Video HD Technology Memory bandwidth (max) 76.8 GB/s Intel® Clear Video HD Technology Memory bandwidth (max) 76.8 GB/s Intel® Clear Video HD Technology Memory bandwidth (max) 76.8 GB/s Intel® Clear Video HD Technology Memory bandwidth (max) 76.8 GB/s Intel® Clear Video HD Technology Memory bandwidth (max) 76.8 GB/s Intel® Clear Video HD Technology Memory bandwidth (max) 76.8 GB/s Intel® GS Guard VIT-racking Clear VIT-racking Clear VIT-racking Clear VIT-racking Clear VIT-r	3	3		F 0 4 0
Processor cores* 6	Processor model *	i5-12400	•	,
Processor socket* LGA 1700 Scalability 15 Processor socket* LGA 1700 CPU configuration (max) 1 Processor operating modes* 64-bit Embedded options available X Performance cores 6 Direct Media Interface (DMI) 4.0 Processor operating modes* 4.4 GHz Export Control Classification Number (ECCN) Number (ECCN) Number (ECCN) Number (ECCN) Spage (CCATS) Processor cache 18 MB Automated Tracking System (G167599) Processor cache 19 MB Automated Tracking System (CCATS) Processor base power 65 W Intel® Hyper Threading Technology (Intel® HT Technology) Bus type DMI4 Intel® Turbo Boost Technology (Intel® CVT HD) Maximum rumbor of DMI lanes 8 Intel® Quick Sync Video Technology (Intel® CVT HD) Processor Cache Nazione AESN) Processor ARK ID 134586 Enhanced Hele Quick Sync Video Technology (Intel® Clear Video HD Technology) Maximum internal memory supported by processor with processor operated by processor (Max) Memory types supported by DDR4-SDRAM, DDR5-SDRAM Perocessor Solation (Intel® GNA) 3.0 Memory bandwidth (max) 76.8 GB/s Intel® Control-flow Enforcement Technology (Intel® GNA) 3.0 Memory bandwidth (max) 76.8 GB/s Intel® Control-flow Enforcement Technology (Intel® GNA) 3.0	Processor family *	Intel® Core™ i5	'	,
Processor threads 12 CPU configuration (max) 1 Processor operating modes * 64-bit Embedded options available Performance cores 6 Direct Media Interface (DMI) 4.0 Performance-core boost frequency 4.4 GHz Revision Revision Revision Sanguage Processor boost frequency 4.4 GHz Revision Revision Sanguage Processor cache type 2.5 GHz Commodity Classification Automated Tracking System (CCATS) G167599 Processor cache type Smart Cache (CCATS) G167599 Processor cache type Smart Cache (CCATS) G167599 Processor base power 65 W Intel® Hyper Threading Technology V Maximum turbo power 117 W (Intel® HT Technology) Intel® Clar Video Technology V (Intel® HT Technology) Maximum number of DMI Ianes 8 Intel® Clear Video HD Technology V (Intel® CVT HD) Intel® Clear Video HD Technology V (Intel® CVT HD) Intel® Clear Video HD Technology V (Intel® CVT HD) Intel® Clear Video HD Technology V (Intel® CVT HD) Intel® Clear Video HD Technology V (Intel® CVT HD) Intel® Clear Video HD Technology V (Intel® CVT HD) Intel® Clear Video HD Technology V (Intel® CVT HD) Intel® Clear Video HD Technology V (Intel® CVT HD) Intel® Clear Video HD Technology V (Intel® CVT HD) Intel® Clear Video HD Technology V (Intel® CVT HD) Intel® Clear Video HD Technology V (Intel® CVT HD) Intel® Composition V (Intel® Gaussian & Neural Accelerator (Intel® GAN) 3.0 Intel® Composition V (Intel® Gaussian & Neural Accelerator (Intel® GAN) 3.0 Intel® Composition V (Intel® Gaussian & Neural Accelerator (Intel® GAN) 3.0 Intel® Composition V (Intel® CVT V V (Intel® CVT V V V V V V V V V V V V V V V V V V	Processor cores *	6	• •	
Processor operating modes * 64-bit	Processor socket *	LGA 1700	•	
Performance cores 6 Revision Performance-core bost frequency 4.4 GHz Performance-core bost frequency 4.4 GHz Performance-core bost frequency 4.4 GHz Performance-core base frequency 4.4 GHz Performance-core base frequency 5.5 GHz Commodity Classification Number (ECCN) Processor cache 18 MB Automated Tracking System G167599 Processor cache type Smart Cache (CCATS) Box * * Processor special features Processor base power 65 W Intel® Hyper Threading Technology (Intel® Hyper Threading Technology (Intel® Hyper Threading Technology (Intel® Curr VI HD) Processor factor (Intel® Gustar Video Hortenology (Intel® CUR HD) Processor factor (Intel® Gustar Video Hortenology (Intel® CUR HD) Processor ARK ID Alder Lake Intel® AES New Instructions (Intel® Processor ARK ID Memory Alder Lake Intel® Speed Shift Technology (Intel® GNA) 3.0 Processor ARK ID Assimum internal memory supported by processor (Intel® GNA) 3.0	Processor threads	12	• • •	
Processor boost frequency Performance-core boost frequency Performance-core boost frequency Performance-core boost frequency Processor cache Processor cache Processor cache type Smart Cache Smart Cache Box * Processor cache type Box * Processor base power Akaimum turbo power Bust type DMI4 Maximum number of DMI lanes Memory bandwidth supported by processor Processor cadename Alder Lake Processor ARK ID Maximum internal memory supported by processor Memory types supported by processor Dual-channel Technology (CET) Memory types supported by processor Memory types supported by processor Memory types supported by processor Dual-channel Technology (CET) Memory types supported by processor Memory types supported by processor Memory types supported by processor Dual-channel Technology (CET) Memory types supported by processor Memory types supported by processor Memory types supported by processor Mem	Processor operating modes *	64-bit	'	×
Processor boost frequency Performance-core boost frequency Performance-core boss frequency Performance-core base frequency Processor cache Processor cache Processor cache type Smart Cache Smart Cache Sow* Processor base power Frocessor base power Frocessor base power Maximum turbo power Bus type Bu	Performance cores	6		4.0
Performance-core base frequency Performance-core base frequency Processor cache 18 MB Automated Tracking System (G167599) Processor cache type Smart Cache (CCATS) Box *	Processor boost frequency	4.4 GHz		
Processor cache Processor cache type Smart Cache CCCATS) Box * X Processor special features Processor base power G5 W Maximum turbo power Bus type Maximum number of DMI lanes Memory bandwidth supported by processor (max) Processor (max) Memory bandwidth supported by processor (max) Maximum internal memory supported by processor Memory types supported by processor Memory typens upported by processor Memory types supported by processor Memory types supported by DDR4-SDRAM, DDR5-SDRAM Memory bandwidth (max) Technology Memory bandwidth (max) Technology Memory types supported by processor Memory typens supported by DoB4-SDRAM, DDR5-SDRAM Memory bandwidth (max) Technology Memory typens supported by DoB4-SDRAM, DDR5-SDRAM Memory bandwidth (max) Technology Memory typens supported by DoB4-SDRAM, DDR5-SDRAM Memory bandwidth (max) Technology Memory typens supported by Processor Memory typens supported by Dischannel Dual-channel Dual-channel Technology Tec	Performance-core boost frequency	4.4 GHz		5A992CN3
Processor cache 18 MB Automated Tracking System (CCATS) G167599 Processor cache type Smart Cache Processor special features Box * Processor special features Processor base power 65 W Intel® Hyper Threading Technology (Intel® HT Technology) ✓ Bus type DMI4 Intel® Turbo Boost Technology (Intel® CVI HD) 2.0 Maximum number of DMI lanes 8 Intel® Clear Video HD Technology (Intel® CVT HD) ✓ Memory bandwidth supported by processor (max) Alder Lake Intel® Clear Video HD Technology (Intel® CVT HD) ✓ Processor ARK ID 134586 AES-NI) Enhanced Intel SpeedStep Technology (Processor Intel® AES New Instructions (Intel® AES New Instructions (Intel® CVT HD) ✓ Memory bandwidth (max) 128 GB Intel® AES New Instructions (Intel® GVT HD) ✓ Memory types supported by processor Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0 ✓ Memory types supported by processor Dual-channel Technology (CET) ✓ Memory channels * Dual-channel Technology (CET) ✓ Memory channels * Dual-channel Technology (CET)	Performance-core base frequency	2.5 GHz	Commodity Classification	
Processor base power Processor dename Processor (max) Processor codename Processor Codename Processor ARK ID Processor ARK ID Processor ARK ID Processor base power Processor dename Processor ARK ID Processor dename Processor ARK ID Processor dename Processor ARK ID Processor ARK I	Processor cache	18 MB	Automated Tracking System	G167599
Processor base power Maximum turbo power Bus type DMI4 Intel® Hyper Threading Technology (Intel® HT Technology) Bus type DMI4 Intel® Turbo Boost Technology Processor (max) Processor (max) Processor codename Alder Lake Processor ARK ID Alder Lake Intel® AES New Instructions (Intel® AES-NI) Memory Maximum internal memory supported by processor Memory Maximum internal memory supported by processor Memory types supported by processor Memory types supported by processor Memory types supported by processor Memory bandwidth (max) Tof.8 GB/s Intel® AES New Instructions (Intel® AES-NI) Technology Intel® Speed Shift Technology Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0 Intel® Control-flow Enforcement Technology (CET) Memory bandwidth (max) Tof.8 GB/s Intel® Thread Director Intel Virtualization Technology Intel® Secure Key Intel® Secure Key Intel® Secure Key Intel® OG Guard Intel® OG Guard Intel® OG Guard Intel® OF Guard Intel® OF Guard Intel® OF Guard Intel® OF Guard Intel® Intel® Intel® Intel® (Intel Virtualization Technology (VT-V) Intel® Virtualization Technology (VT-V) Intel® Virtualization Technology Intel Iurbo Boost Max Technology Intel® Turbo Boost Max Technology	Processor cache type	Smart Cache	(CCATS)	
Maximum turbo power Bus type DMI4 Intel® Turbo Boost Technology 2.0 Maximum number of DMI lanes Memory bandwidth supported by processor (max) Processor codename Alder Lake Processor ARK ID Memory Maximum internal memory supported by processor Memory by processor Memory Maximum internal memory supported by processor Memory types supported by processor Memory types supported by processor Memory thannels * Dual-channel DDR4-SDRAM, DDR5-SDRAM Memory bandwidth (max) Technology (CET) Memory bandwidth (max) Memory bandwidth (max) Technology (CET) Memory	Box *	×	Processor special features	
Maximum turbo power Bus type DMI4 Intel® Turbo Boost Technology 2.0 Maximum number of DMI lanes 8 Intel® Quick Sync Video Technology Processor (max) Memory bandwidth supported by processor (max) Processor codename Alder Lake Processor ARK ID 134586 Memory Maximum internal memory supported by processor Memory Maximum internal memory supported by processor Memory types supported by Processor Memory Memory types supported by Proc	Processor base power	65 W	Intel® Hyper Threading Technology	,
Maximum number of DMI lanes Memory bandwidth supported by processor (max) Processor codename Alder Lake Intel® AES New Instructions (Intel® AES-NI) Memory Maximum internal memory supported by processor Memory types supported by processor Memory types supported by processor Memory types supported by processor Memory channels * Dual-channel Technology (CET) Memory bandwidth (max) To.8 GB/s Doboard graphics card * On-board graphics card base frequency On-board graphics card base frequency On-board graphics card dynamic Memory types outported by processor Memory types supported by processor Intel® Quick Sync Video Technology Intel® Clear Video HD Technology (Intel® CPT HD) AES New Instructions (Intel® AES New Intel® Control-Googy (CET) Intel® Control-flow Enforcement Technology (CET) Intel® Thread Director Intel® OS Guard Intel® OS Guard Intel® OS Guard Intel® OS Guard Intel On-board graphics card outputs Supported of Intel® OS Guard Intel® OS Gu	Maximum turbo power	117 W		•
Memory bandwidth supported by processor (max) Processor codename Alder Lake Intel® AES New Instructions (Intel® AES-NI) Memory Maximum internal memory supported by processor Memory types supported by processor Memory channels * Dual-channel Memory bandwidth (max) Technology (CET) Memory bandwidth (max) Tobard graphics card * On-board graphics card outputs supported On-board graphics card base frequency On-board graphics card base frequency On-board graphics card base frequency On-board graphics card dynamic Technology Intel® Coart Video HD Technology (Intel® Clear Video HD Technology (Intel® Clear Video HD Technology (Intel® CNT HD) Intel® AES New Instructions (Intel® AES-NI) Intel® Speed Shift Technology Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0 Intel® Control-flow Enforcement Technology (CET) Intel® Trables (Centrol-flow Enforcement Technology (CET) Intel® Trables (EPT) Intel® Secure Key Intel® Secure Key Intel® OS Guard Intel OHD Graphics 730 Intel Virtualization Technology (VT- x) Intel Virtualization Technology for Directed I/O (VT-d) On-board graphics card dynamic Intel Turbo Boost Max Technology Intel Turbo Boost Max Technology	Bus type	DMI4	Intel® Turbo Boost Technology	2.0
Processor (max) Processor codename Processor codename Processor ARK ID Alder Lake 134586 Memory Maximum internal memory supported by processor Memory types supported by processor Memory channels * Dual-channel Memory bandwidth (max) Technology Memory bandwidth (max) Technology Memory bandwidth (max) Technology Memory bandwidth (max) Technology Memory bandwidth (max) Technology (CET) T	Maximum number of DMI lanes	8	Intel® Quick Sync Video Technology	✓
Processor ARK ID Memory Maximum internal memory supported by processor Memory types supported by processor Memory types supported by processor Memory topes supported by processor Memory channels * Dual-channel Memory bandwidth (max) 76.8 GB/s Intel® Control-flow Enforcement Technology (CET) Memory bandwidth (max) Technology (CET) Memory bandwidth (max) Technology (CET) Intel® Control-flow Enforcement Technology (CET) Memory bandwidth (max) Technology (EET) Memory bandwidth (max) Technology (Memory bandwidth (max) Technology (VT- x) Non-board graphics card outputs supported DisplayPort 1.4a, HDMI 2.1 Non-board graphics card dynamic Technology (VT- x) Non-board graphics card dynamic Technology for Directed I/O (VT-d) Non-board graphics card dynamic Technology (VT- x) Non-board graphics card dynamic		76.8 GB/s		✓
Memory Enhanced Intel SpeedStep Technology Maximum internal memory supported by processor 128 GB Intel® Speed Shift Technology / Memory types supported by processor DDR4-SDRAM, DDR5-SDRAM processor Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0 Intel® Control-flow Enforcement Technology (CET) / Memory channels * Dual-channel Technology (CET) / Memory bandwidth (max) 76.8 GB/s Intel® Thread Director X Graphics On-board graphics card * / Intel® VT-x with Extended Page Tables (EPT) / Discrete graphics card * X Intel® Secure Key / On-board graphics card model * Intel UHD Graphics 730 Intel 64 / On-board graphics card outputs supported Embedded DisplayPort (eDP) 1.4b, DisplayPort 1.4a, HDMI 2.1 Intel Virtualization Technology (VT-X) / On-board graphics card base frequency 300 MHz Intel Virtualization Technology / On-board graphics card dynamic Intel Turbo Boost Max Technology /	Processor codename	Alder Lake		1
Memory Technology Maximum internal memory supported by processor 128 GB Intel® Speed Shift Technology Memory types supported by processor DDR4-SDRAM, DDR5-SDRAM processor Accelerator (Intel® GNA) 3.0 Intel® Control-flow Enforcement Technology (CET) Memory channels * Dual-channel Technology (CET) Memory bandwidth (max) 76.8 GB/s Intel® Thread Director X Graphics On-board graphics card * ✓ Intel® Secure Key ✓ Discrete graphics card model * Intel UHD Graphics 730 Intel® OS Guard ✓ On-board graphics card outputs supported Embedded DisplayPort (eDP) 1.4b, DisplayPort (eDP) 1.4b, DisplayPort 1.4a, HDMI 2.1 Intel Virtualization Technology (VT-x) On-board graphics card base frequency 300 MHz Intel Virtualization Technology for Directed I/O (VT-d) ✓ On-board graphics card dynamic frequency 1450 MHz Intel Turbo Boost Max Technology	Processor ARK ID	134586	,	•
supported by processor Memory types supported by processor Memory types supported by processor Memory channels * Dual-channel Technology (CET) Memory bandwidth (max) Memory bandwidth (max) Technology (CET) Memory bandwidth (max) Memory bandwidth (max) Technology (CET) Memory bandwidth (max) Technology (CET) Memory bandwidth (max) Memory bandwidth (max) Memory bandwidth (max) Technology (CET) Memory bandwidth (max) Memory bandwidth (max) Memory bandwidth (max) Technology (CET) Memory bandwidth (max) Memory	Memory			✓
Memory types supported by processor Memory channels * Dual-channel Technology (CET) Memory bandwidth (max) Technology (CET) Intel® Thread Director Intel VT-x with Extended Page Tables (EPT) On-board graphics card * Intel® OS Guard Intel® OS Guard Intel® OS Guard Intel UHD Graphics 730 Intel 64 On-board graphics card outputs supported On-board graphics card base frequency On-board graphics card dynamic Intel® OS Guard In	,	128 GB	Intel® Speed Shift Technology	1
Memory channels * Dual-channel Technology (CET) Memory bandwidth (max) 76.8 GB/s Intel® Thread Director Memory bandwidth (max) 76.8 GB/s Intel® Thread Director Intel VT-x with Extended Page Tables (EPT) On-board graphics card * Intel UHD Graphics 730 Intel® OS Guard On-board graphics card model * Intel UHD Graphics 730 Intel OF Guard Intel® OS Guard On-board graphics card outputs supported On-board graphics card base frequency On-board graphics card dynamic 1450 MHz Intel® Control-flow Enforcement Technology (CET) Intel® Control-flow Enforcement Technology (CET) Intel® Thread Director Intel® OS Guard Intel OS Guard Intel Virtualization Technology (VT-X) Intel Virtualization Technology for Directed I/O (VT-d) Intel Virtualization Technology Intel® OS Guard Intel Virtualization Technology Intel® OS Guard Intel Virtualization Technology Intel® Intel® OS Guard Intel® OS Guard Intel Virtualization Technology (VT-X) Intel® OS Guard Intel® OS Guard Intel Virtualization Technology (VT-X) Intel® OS Guard Intel®	Memory types supported by	DDR4-SDRAM. DDR5-SDRAM		✓
Graphics Intel VT-x with Extended Page Tables (EPT) On-board graphics card * On-board graphics card * On-board graphics card model * On-board graphics card model * On-board graphics card outputs supported On-board graphics card base frequency On-board graphics card dynamic 1450 MHz Intel VT-x with Extended Page Tables (EPT) Intel® Secure Key Intel® OS Guard Intel 64 Intel Virtualization Technology (VT- x) Intel Virtualization Technology for Directed I/O (VT-d) Intel Virtualization Technology for Directed I/O (VT-d) Intel Turbo Boost Max Technology	•	·		✓
On-board graphics card * On-board graphics card * On-board graphics card * On-board graphics card model * On-board graphics card model * On-board graphics card outputs supported On-board graphics card base frequency On-board graphics card dynamic Intel UHD Graphics 730 Intel 64 Intel Virtualization Technology (VT- x) Intel Virtualization Technology for Directed I/O (VT-d) Intel Turbo Boost Max Technology Intel Turbo Boost Max Technology	Memory bandwidth (max)	76.8 GB/s	Intel® Thread Director	×
Discrete graphics card * Intel WHD Graphics 730 Intel 64 On-board graphics card outputs supported Con-board graphics card base frequency Con-board graphics card dynamic Intel WHZ Intel WHZ Intel Wirtualization Technology (VT-x) Intel W OS Guard Intel 64 Intel Virtualization Technology (VT-x) Intel Virtualization Technology for Directed I/O (VT-d) Intel Virtualization Technology for Directed I/O (VT-d) Intel Turbo Boost Max Technology	Graphics			✓
On-board graphics card model * Intel UHD Graphics 730 Intel 64 On-board graphics card outputs supported DisplayPort (eDP) 1.4b, DisplayPort 1.4a, HDMI 2.1 Intel Virtualization Technology (VT- x) On-board graphics card base frequency On-board graphics card dynamic Intel Virtualization Technology for Directed I/O (VT-d) On-board graphics card dynamic Intel Turbo Boost Max Technology	•		Intel® Secure Key	✓
On-board graphics card outputs supported On-board graphics card base frequency On-board graphics card base frequency On-board graphics card dynamic Intel Virtualization Technology for Directed I/O (VT-d) Intel Turbo Boost Max Technology	Discrete graphics card *	×	Intel® OS Guard	✓
supported DisplayPort 1.4a, HDMI 2.1 x) On-board graphics card base frequency 300 MHz Intel Virtualization Technology for Directed I/O (VT-d) On-board graphics card dynamic 1450 MHz Intel Turbo Boost Max Technology	•	Intel UHD Graphics 730	Intel 64	✓
frequency On-board graphics card dynamic frequency On-board graphics card dynamic Intel Turbo Boost Max Technology Intel Turbo Boost Max Technology				✓
On-board graphics card dynamic Intel Turbo Boost Max Technology	5 .	300 MHz		✓
		1450 MHz	Intel Turbo Boost Max Technology	×

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





8592978355135

0675901997171



675901997171

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.