

Intel Celeron G6900 processor 3,4 GHz 4 MB Smart Cache Box

Merk : Intel

Productfamilie: Celeron

Artikelcode: BX80715G6900

Productnaam : G6900

Intel Celeron G6900. Processorfamilie: Intel® Celeron® G, Processor socket: LGA 1700, Processorfabrikant: Intel. Geheugen kanaal: Dubbelkanaals, Maximaal intern geheugen ondersteund door processor: 128 GB, Geheugentypen ondersteund door processor: DDR4-SDRAM, DDR5-SDRAM. On-board graphics adapter model: Intel UHD Graphics 710, On-board ondersteunde grafische adapter uitgangen: Embedded DisplayPort (eDP) 1.4b, DisplayPort 1.4a, HDMI 2.1, Basisfrequentie ingebouwde grafische adapter: 300 MHz. Marktsegment: Desktop, Gebruiksvoorwaarden: PC/Client/Tablet, PCI Express slots versie: 5.0, 4.0. Type verpakking: Retaildoos

intel®

CELERON®

Processor		Kenmerken	
Processorfabrikant *	Intel	Gebruiksvoorwaarden	PC/Client/Tablet
Processormodel *	G6900	Maximaal aantal PCI Express-lijnen	20
Basisfrequentie processor *	3,4 GHz	PCI Express slots versie	5.0, 4.0
Processorfamilie *	Intel® Celeron® G	PCI Express configuraties	1x16+1x4, 2x8+1x4
Aantal processorkernen *	2	Ondersteunde instructie sets	SSE4.1, SSE4.2, AVX 2.0
Processor socket *	LGA 1700	Schaalbaarheid	15
Processor aantal threads	2	CPU configuratie (max)	1
Processor operating modes *	64-bit	Ingebouwde opties beschikbaar	✗
Prestatiekernen	2	Directe media-interface (DMI) revisie	4.0
Prestatie-kernbasisfrequentie	3,4 GHz	Export Control Classification Number (ECCN)	5A992CN3
Processor cache	4 MB	Commodity Classification Automated Tracking System (CCATS)	G167599
Processor cache type	Smart Cache		
Box *	✓		
Processor basisvermogen	46 W		
Stepping	H0		
Bus type	DMI4		
Maximum aantal DMI lanes	8		
Geheugenbandbreedte ondersteund door de processor (max)	76,8 GB/s		
Codenaam processor	Alder Lake		
ARK ID processor	96163		
Geheugen		Processor speciale functies	
Maximaal intern geheugen ondersteund door processor	128 GB	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Geheugentypen ondersteund door processor	DDR4-SDRAM, DDR5-SDRAM	Intel® Turbo Boost Technology	✗
Geheugen kanaal *	Dubbelkanaals	Intel® Quick Sync Video Technology	✓
Geheugen bandbreedte (max)	76,8 GB/s	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
		Intel® AES New Instructions (Intel® AES-NI)	✓
		Enhanced Intel SpeedStep Technology	✓
		Intel® Speed Shift-technologie	✓
		Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0	✓
		Intel® Control-flow Enforcement Technology (CET)	✓
		Intel® Thread Director	✗
		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® Turbo Boost Max Technology 3.0	✗
		Intel® Optane™ Memory Ready	✓
		Intel® Boot Guard	✓
		Intel® Deep Learning Boost (Intel® DL Boost)	✓
Grafisch			
Ingebouwde grafische adapter *	✓		
Aparte grafische adapter *	✗		
On-board graphics adapter model *	Intel UHD Graphics 710		
On-board ondersteunde grafische adapter uitgangen	Embedded DisplayPort (eDP) 1.4b, DisplayPort 1.4a, HDMI 2.1		
Basisfrequentie ingebouwde grafische adapter	300 MHz		
Graphics on-board -adapter dynamische frequentie (max)	1300 MHz		
Aantal displays ondersteund (door on-board grafische adapter)	4		
On-board grafische adapter DirectX-versie	12.0		
On-board grafische adapter OpenGL versie	4.5		

Grafisch		Processor speciale functies	
Graphics aan boord maximale resolutie adapter (DisplayPort)	7680 x 4320 Pixels	Intel® Volume Management Device (VMD)	✓
Maximale resolutie (eDP - Integrated Flat Panel)	5120 x 3200 Pixels	Mode-based Execute Control (MBE)	✓
Eisen aan de omgeving			
Maximale resolutie ingebouwde grafische adapter (HDMI)	4096 x 2160 Pixels	Tjunction	100 °C
Grafische adapter refresh rate on-board bij maximale resolutie (DisplayPort)	60 Hz	Technische details	
Refresh rate op maximale resolutie (eDP - Integrated Flat Panel)	120 Hz	OpenCL-versie	2.1
Verversingsfrequentie ingebouwde grafische adapter bij maximale resolutie (HDMI)	60 Hz	Lanceringsdatum	Q1'22
On-board grafische adapter ID	0x4693	Status	Launched
Discreet grafische adapter model *	Niet beschikbaar	Logistieke gegevens	
Aantal verwerkingseenheden	16	Code geharmoniseerd systeem (HS)	85423119
Multi-Formaat Codec-motoren	1	Verpakking	
Kenmerken		Type verpakking	Retaildoos
Execute Disable Bit	✓	Gewicht en omvang	
Idle States	✓	Verpakkingsgrootte processor	45 x 37.5 mm
Thermal Monitoring Technologies	✓	Overige specificaties	
Marktsegment	Desktop	Maximum intern geheugen	128 GB
		Grafische uitvoer	eDP 1.4b, DP 1.4a, HDMI 2.1



5032037238755



5032037238762



0735858504447



735858504447

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.