

Procesador Intel® Celeron® G5905 (Caché de 4 M, 3,50 GHz)	
Esenciales	
Colección de productos	Procesador Intel® Celeron® Serie G
Nombre clave	Productos anteriormente Comet Lake
Segmento vertical	Escritorio
Número de procesador	G5905
Estado	Lanzado
Fecha de lanzamiento	T3'20
Litografía	14 millas náuticas
Condiciones de uso	PC / Cliente / Tableta
Especificaciones de la CPU	
# de núcleos	2
# de los hilos	2
Frecuencia base del procesador	3,50 GHz
Cache	Caché inteligente Intel® de 4 MB
Velocidad del autobús	8 GT / s
TDP	58 W
Información suplementaria	
Opciones Integradas Disponibles	No
Datasheet	View now
Memory Specifications	
Max Memory Size (dependent on memory type)	128 GB
Memory Types	DDR4-2666
Max # of Memory Channels	2
Max Memory Bandwidth	41.6 GB/s
Processor Graphics	
Processor Graphics ‡	Intel® UHD Graphics 610
Graphics Base Frequency	350 MHz
Graphics Max Dynamic Frequency	1.05 GHz
Graphics Video Max Memory	64 GB
4K Support	Yes, at 60Hz
Max Resolution (HDMI)‡	4096x2160@30Hz
Max Resolution (DP)‡	4096x2304@60Hz
Max Resolution (eDP - Integrated Flat Panel)‡	4096x2304@60Hz
DirectX* Support	12
OpenGL* Support	4.5
Intel® Quick Sync Video	Yes
Intel® InTru™ 3D Technology	Yes
Intel® Clear Video HD Technology	Yes
Intel® Clear Video Technology	Yes

# of Displays Supported ‡	3
Device ID	0x9BA8
Expansion Options	
Scalability	1S Only
PCI Express Revision	3
PCI Express Configurations ‡	Up to 1x16, 2x8, 1x8+2x4
Max # of PCI Express Lanes	16
Package Specifications	
Sockets Supported	FCLGA1200
Max CPU Configuration	1
Thermal Solution Specification	PCG 2015C
TJUNCTION	100°C
Package Size	37.5mm x 37.5mm
Advanced Technologies	
Intel® Optane™ Memory Supported ‡	Yes
Intel® Thermal Velocity Boost	No
Intel® Turbo Boost Max Technology 3.0 ‡	No
Intel® Turbo Boost Technology ‡	No
Intel vPro® Platform Eligibility ‡	No
Intel® Hyper-Threading Technology ‡	No
Intel® Virtualization Technology (VT-x) ‡	Yes
Intel® Virtualization Technology for Directed I/O (VT-d) ‡	Yes
Intel® VT-x with Extended Page Tables (EPT) ‡	Yes
Intel® Transactional Synchronization Extensions	No
Intel® 64 ‡	Yes
Instruction Set	64-bit
Instruction Set Extensions	Intel® SSE4.1, Intel® SSE4.2
Idle States	Yes
Enhanced Intel SpeedStep® Technology	Yes
Thermal Monitoring Technologies	Yes
Intel® Identity Protection Technology ‡	Yes
Intel® Stable Image Platform Program (SIPP)	No
Security & Reliability	
Intel® AES New Instructions	Yes
Secure Key	Yes
Intel® Software Guard Extensions (Intel® SGX)	Yes with Intel® ME
Intel® OS Guard	Yes
Intel® Trusted Execution Technology ‡	No
Execute Disable Bit ‡	Yes
Intel® Boot Guard	Yes

