



HP Chromebook 11 G8 EE N4020 29.5 cm (11.6") HD Intel® Celeron® 4 GB LPDDR4-SDRAM 16 GB eMMC Wi-Fi 5 (802.11ac) ChromeOS Grey

Brand : HP

Product family: Chromebook

Product code: 3C219EA

Product name : 11 G8 EE



- Intel® Celeron® N4020 with Intel® UHD Graphics 600 (1.1 GHz base frequency, up to 2.8 GHz burst frequency, 4 MB cache, 2 cores)
 - ChromeOS™
 - 29.5 cm (11.6") diagonal, HD (1366 x 768), anti-glare, 220 nits, 45% NTSC
 - Intel® UHD Graphics 600
 - 4 GB memory; 48 GB eMMC storage
- Chromebook 11 G8 EE, ChromeOS™, 11.6", Intel® Celeron®, 4GB RAM, 16GB eMMC, HD

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The Chromebook built for schools and designed for learning

Help students reach their potential with cloud-first⁽¹⁾ learning on the durable HP Chromebook 11 G8 EE that keeps pace with active student lifestyles while the fast-booting ChromeOS makes IT management easy.

Design		Network	
Product type *	Chromebook	WLAN controller model	Intel Dual Band Wireless-AC 9560
Product colour *	Grey	WLAN controller manufacturer	Intel
Form factor *	Clamshell	Ethernet LAN	✗
Intel® vPro™ Platform Eligibility	✗	Bluetooth	✓
Country of origin	China	Bluetooth version	5.0
Display		MIMO	✓
Display diagonal *	29.5 cm (11.6")	MIMO type	Multi User MIMO
Display resolution *	1366 x 768 pixels	Ports & interfaces	
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HD type	HD	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
Panel type	SVA	Combo headphone/mic port	✓
LED backlight	✓	Keyboard	
Native aspect ratio	16:9	Keyboard special features	Защита от снятия клавиш и попадания жидкости
Anti-glare screen	✓	Pointing device	Touchpad
Display brightness	220 cd/m ²	Numeric keypad *	✗
Display diagonal (metric)	29.5 cm	Keyboard backlit	✓
RGB colour space	NTSC	Island-style keyboard	✓
Colour gamut	45%	Spill-resistant keyboard	✓
Processor		Full-size keyboard	✓
Processor manufacturer *	Intel	Software	
Processor model *	N4020	Operating system installed *	ChromeOS
Processor family *	Intel® Celeron®	Processor special features	
Processor frequency *	1.1 GHz	Intel® Anti-Theft Technology (Intel® AT)	✗
Processor boost frequency	2.8 GHz	Intel® Smart Response Technology	✗
Processor cores	2	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor threads	2	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor cache	4 MB	Intel® Turbo Boost Technology	✗
Processor cache type	L3	Enhanced Intel SpeedStep Technology	✓
Processor socket	BGA 1090		
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor codename	Gemini Lake Refresh		
Thermal Design Power (TDP)	6 W		
Tjunction	105 °C		

Processor		Processor special features	
Maximum number of PCI Express lanes	6	Intel® Quick Sync Video Technology	✓
PCI Express slots version	2.0	Intel® AES New Instructions (Intel® AES-NI)	✓
PCI Express configurations	1x4+1x2, 2x1+1x2+1x2, 4x1	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel® Secure Key	✓
Internal memory *	4 GB	Intel® OS Guard	✓
Internal memory type	LPDDR4-SDRAM	Intel Software Guard Extensions (Intel SGX)	✓
Memory clock speed	3733 MHz	Intel 64	✓
Memory form factor	SO-DIMM	Execute Disable Bit	✓
Memory slots	1x SO-DIMM	Idle States	✓
Maximum internal memory *	4 GB	Thermal Monitoring Technologies	✓
ECC	✗	Processor package size	25 x 24 mm
Storage		Supported instruction sets	SSE4.2
Total storage capacity *	16 GB	CPU configuration (max)	1
Storage media *	eMMC	Embedded options available	✗
Flash memory	16 GB	UART	✓
Optical drive type *	✗	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Card reader integrated	✓	Intel Virtualization Technology (VT-x)	✓
Compatible memory cards	MicroSD (TransFlash)	Processor ARK ID	197310
Graphics		Brand-specific features	
Discrete graphics card model *	Not available	HP speaker type	HP Dual Speakers
On-board graphics card *	✓	HP segment	Business
Discrete graphics card *	✗	Battery	
On-board graphics card model *	Intel® UHD Graphics 600	Battery technology	Lithium Polymer (LiPo)
On-board graphics card base frequency	200 MHz	Number of battery cells	2
On-board graphics card burst frequency	650 MHz	Battery capacity *	47 Wh
Maximum on-board graphics card memory	8 GB	Power	
Number of execution units	12	AC adapter power	45 W
On-board graphics card DirectX version	12.0	Security	
On-board graphics card OpenGL version	4.4	Cable lock slot	✓
On-board graphics card ID	0x3185	Sustainability	
Audio		Sustainability certificates	ENERGY STAR
Number of built-in speakers	2	Sustainable technologies and materials	Low halogen; TCO 8.0 Certified
Built-in microphone	✓	Weight & dimensions	
Camera		Width	295 mm
Front camera	✓	Depth	205.3 mm
Front camera signal format	720p	Height	18.8 mm
Front camera HD type	HD	Weight *	1.32 kg
Network		Logistics data	
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Harmonized System (HS) code	84713000
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)		
Mobile network connection *	✗		
Antenna type	2x2		



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