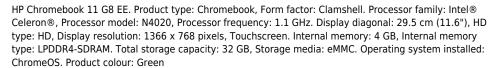


HP Chromebook 11 G8 EE Intel® Celeron® N4020 29.5 cm (11.6") Touchscreen HD 4 GB LPDDR4-SDRAM 32 GB eMMC Wi-Fi 5 (802.11ac) ChromeOS Green

Brand: HP Product family: Chromebook Product code: 9VX68EA#ABH

Product name: 11 G8 EE







Design		Network	
Product type *	Chromebook	Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Product colour * Form factor *	Green Clamshell	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Intel® vPro™ Platform Eligibility	×	Antenna type	2x2
Country of origin	China	WLAN controller model	Intel Dual Band Wireless-AC 9560
Display		WLAN controller manufacturer Ethernet LAN	Intel X
Display diagonal *	29.5 cm (11.6")	Bluetooth	··
Display resolution *	1366 x 768 pixels	Bluetooth version	5.0
Touchscreen *	✓		5.0
HD type Panel type IPS LED backlight V Native aspect ratio Anti-glare screen Display brightness Display diagonal (metric) RGB colour space HD IPS 16:9 V 220 cd/m² 29.5 cm NTSC	HD	Ports & interfaces	
	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
		USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
	✓	Combo headphone/mic port	✓
		Keyboard	
	NTSC	Keyboard special features	Protection against removal of keys and liquid ingress
Colour gamut	50%	Pointing device	Touchpad
Processor		Numeric keypad *	×
Processor manufacturer *	Intel	Full-size keyboard	✓
Processor family *	Intel® Celeron®	Keyboard layout	QWERTY
Processor model *	N4020	Software	
Processor cores Processor threads	2 4	Operating system installed *	ChromeOS
Processor boost frequency	2.8 GHz	Processor special features	
Processor frequency * Processor cache	1.1 GHz 4 MB	Intel® Anti-Theft Technology (Intel® AT)	×
Processor cache type	L2	Intel® Smart Response Technology	×
Processor socket	BGA 1090	Intel® Identity Protection	√
Processor lithography	14 nm	Technology (Intel® IPT)	•
Processor operating modes Processor codename	64-bit Gemini Lake Refresh	Intel® Hyper Threading Technology (Intel® HT Technology)	×
Thermal Design Power (TDP)	6 W	Intel® Turbo Boost Technology	×
Tjunction 105 °C		Enhanced Intel SpeedStep Technology	✓

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 Memory	1x4+1x2, 2x1+1x2+1x2, 4x1	Intel VT-x with Extended Page Tables (EPT)	✓
•	4 GB	Intel® Secure Key	✓
Internal memory * Internal memory type	LPDDR4-SDRAM	Intel® OS Guard	✓
Memory clock speed	3733 MHz	Intel Software Guard Extensions (Intel SGX)	✓
Memory form factor	SO-DIMM	Intel 64	✓
Memory slots ECC	1x SO-DIMM	Execute Disable Bit	✓
	X	Idle States	✓
Storage		Thermal Monitoring Technologies	✓
Total storage capacity *	32 GB	Processor package size	25 x 24 mm
Storage media *	eMMC	Supported instruction sets	SSE4.2
Flash memory	32 GB	CPU configuration (max)	1
Optical drive type *	X	Embedded options available	×
Card reader integrated	·	UART	✓
Compatible memory cards Graphics	MicroSD (TransFlash)	Intel Virtualization Technology for Directed I/O (VT-d)	/
Discrete graphics card model *	Not available	Intel Virtualization Technology (VT-	√
On-board graphics card *	✓	x) Processor ARK ID	107210
On-board GPU manufacturer	Intel		197310
Discrete graphics card *	×	Brand-specific features	
On-board graphics card model *	Intel® UHD Graphics 600	HP speaker type	HP Dual Speakers
On-board graphics card base frequency	200 MHz	HP segment Battery	Business
On-board graphics card burst	650 MHz	Battery technology	Lithium Polymer (LiPo)
frequency Maximum on board graphics cord		Number of battery cells	2
Maximum on-board graphics card memory	8 GB	Battery capacity *	47 Wh
Number of execution units	12	Power	
On-board graphics card DirectX version	12.0	AC adapter power	45 W
On-board graphics card OpenGL	4.4	Security	
version		Cable lock slot	1
On-board graphics card ID Audio	0x3185	Weight & dimensions	
	2	Width	295 mm
Number of built-in speakers	2	Depth	205.3 mm
Built-in microphone	✓	Height	18.8 mm
Camera		Weight *	1.32 kg
Front camera	✓	Packaging content	
Front camera signal format	720p	AC adapter included *	✓
Front camera HD type	HD	Logistics data	
Network		Harmonized System (HS) code	84713000
Wi-Fi	✓		5 <u>1</u> 5000





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