



# HP Chromebook 11 G8 EE Intel® Celeron® N4120 29.5 cm (11.6") Touchscreen HD 8 GB LPDDR4-SDRAM 32 GB eMMC Wi-Fi 5 (802.11ac) ChromeOS Green

Brand : HP

Product family: Chromebook

Product code: 9TX86EA#ABH

Product name : 11 G8 EE

HP Chromebook 11 G8 EE. Product type: Chromebook, Form factor: Clamshell. Processor family: Intel® Celeron®, Processor model: N4120, Processor frequency: 1.1 GHz. Display diagonal: 29.5 cm (11.6"), HD type: HD, Display resolution: 1366 x 768 pixels, Touchscreen. Internal memory: 8 GB, Internal memory type: LPDDR4-SDRAM. Total storage capacity: 32 GB, Storage media: eMMC. Operating system installed: ChromeOS. Product colour: Green



Design		Network	
Product type *	Chromebook	Wi-Fi	✓
Product colour *	Green	Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Form factor *	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
<b>Display</b>		WLAN controller manufacturer	Intel
Display diagonal *	29.5 cm (11.6")	Ethernet LAN	✗
Display resolution *	1366 x 768 pixels	Bluetooth	✓
Touchscreen *	✓	Bluetooth version	5.0
HD type	HD	<b>Ports &amp; interfaces</b>	
Panel type	IPS	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
LED backlight	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
Native aspect ratio	16:9	Combo headphone/mic port	✓
Anti-glare screen	✓	<b>Keyboard</b>	
Display brightness	220 cd/m <sup>2</sup>	Keyboard special features	Protection against removal of keys and liquid ingress
Display diagonal (metric)	29.5 cm	Pointing device	Touchpad
RGB colour space	NTSC	Numeric keypad *	✗
Colour gamut	50%	Keyboard backlit	✓
<b>Processor</b>		Full-size keyboard	✓
Processor manufacturer *	Intel	Keyboard layout	QWERTY
Processor family *	Intel® Celeron®	<b>Software</b>	
Processor model *	N4120	Operating system installed *	ChromeOS
Processor cores	4	<b>Processor special features</b>	
Processor threads	8	Intel® Anti-Theft Technology (Intel® AT)	✗
Processor boost frequency	2.6 GHz	Intel® Smart Response Technology	✗
Processor frequency *	1.1 GHz	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor cache	4 MB	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor cache type	L2		
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® Turbo Boost Technology	✗
PCI Express slots version	2.0	Enhanced Intel SpeedStep Technology	✓
PCI Express configurations	1x4+1x2, 4x1, 2x1+1x2+1x2	Intel® Quick Sync Video Technology	✓
Memory		Intel® AES New Instructions (Intel® AES-NI)	✓
Internal memory *	8 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory type	LPDDR4-SDRAM	Intel® Secure Key	✓
Memory clock speed	3733 MHz	Intel® OS Guard	✓
Memory form factor	SO-DIMM	Intel Software Guard Extensions (Intel SGX)	✓
Memory slots	1x SO-DIMM	Intel 64	✓
ECC	✗	Execute Disable Bit	✓
Storage		Idle States	✓
Total storage capacity *	32 GB	Thermal Monitoring Technologies	✓
Storage media *	eMMC	Processor package size	25 x 24 mm
Flash memory	32 GB	Supported instruction sets	SSE4.2
Optical drive type *	✗	CPU configuration (max)	1
Card reader integrated	✓	Embedded options available	✗
Compatible memory cards	MicroSD (TransFlash)	UART	✓
Graphics		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics card model *	Not available	Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Processor ARK ID	197309
On-board GPU manufacturer	Intel	Brand-specific features	
Discrete graphics card *	✗	HP speaker type	HP Dual Speakers
On-board graphics card model *	Intel® UHD Graphics 600	HP segment	Business
On-board graphics card base frequency	200 MHz	Battery	
On-board graphics card burst frequency	700 MHz	Battery technology	Lithium Polymer (LiPo)
On-board graphics card dynamic frequency (max)	700 MHz	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 version	4.4	Security	
On-board graphics card ID	0x3185	Cable lock slot	✓
Audio		Weight & dimensions	
Number of built-in speakers	2	Width	295 mm
Built-in microphone	✓	Depth	205.3 mm
Camera		Height	18.8 mm
Front camera	✓	Weight *	1.32 kg
Front camera signal format	720p	Packaging content	
Front camera HD type	HD	AC adapter included *	✓
		Logistics data	
		Harmonized System (HS) code	84713000



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