



Acer Chromebook C871-328J Intel® Core™ i3 i3-10110U 30.5 cm (12") 8 GB DDR4-SDRAM 64 GB Flash Wi-Fi 6 (802.11ax) ChromeOS Black QWERTY UK English



Brand : Acer

Product family: Chromebook

Product code: NX.HQEAA.003

Product name : C871-328J

- ChromeOS
- Intel Core i3-10110U (4MB Cache, 2.1GHz)
- 30.5 cm (12") 1366 x 912 IPS
- 8GB DDR4-SDRAM & 64GB Flash
Intel Core i3-10110U (4MB Cache, 2.1GHz), 8GB DDR4-SDRAM, 64GB Flash, 30.5 cm (12") 1366 x 912 IPS, Intel UHD Graphics, WLAN, Webcam, ChromeOS
Acer Chromebook C871-328J. Product type: Chromebook, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor model: i3-10110U, Processor frequency: 2.1 GHz. Display diagonal: 30.5 cm (12"), Display resolution: 1366 x 912 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 64 GB, Storage media: Flash. On-board graphics card model: Intel® UHD Graphics. Operating system installed: ChromeOS. Product colour: Black. Weight: 1.5 kg

Design		Network	
Product type *	Chromebook	Antenna type	2x2
Product colour *	Black	WLAN controller model	Intel Wi-Fi 6 AX201
Form factor *	Clamshell	Ethernet LAN	✗
Display		Bluetooth	✓
Display diagonal *	30.5 cm (12")	Bluetooth version	5.0
Display resolution *	1366 x 912 pixels	Ports & interfaces	
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Panel type	IPS	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
LED backlight	✓	Headphone outputs	1
Native aspect ratio	3:2	Combo headphone/mic port	✓
Processor		Keyboard	
Processor manufacturer *	Intel	Pointing device	Touchpad
Processor family *	Intel® Core™ i3	Numeric keypad *	✗
Processor generation	10th gen Intel® Core™ i3	Keyboard layout	QWERTY
Processor model *	i3-10110U	Keyboard language	UK English
Processor cores	2	Software	
Processor threads	4	Operating system installed *	ChromeOS
Processor boost frequency	4.1 GHz	Processor special features	
Processor frequency *	2.1 GHz	Intel® My WiFi Technology (Intel® MWT)	✓
System bus rate	4 GT/s	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor cache	4 MB	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor socket	BGA 1528	Intel® Turbo Boost Technology	2.0
Processor lithography	14 nm	Enhanced Intel SpeedStep Technology	✓
Processor operating modes	64-bit	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor codename	Comet Lake	Intel Clear Video Technology	✓
Thermal Design Power (TDP)	15 W	Intel® Quick Sync Video Technology	✓
Configurable TDP-up frequency	2.6 GHz	Intel Flex Memory Access	✓
Configurable TDP-up	25 W	Intel® AES New Instructions (Intel® AES-NI)	✓
Configurable TDP-down	10 W		
Configurable TDP-down frequency	0.8 GHz		
Tjunction	100 °C		
Maximum number of PCI Express lanes	16		
PCI Express slots version	3.0		
PCI Express configurations	1x4, 2x2, 1x2+2x1, 4x1		

Memory		Processor special features	
Internal memory *	8 GB	Intel Trusted Execution Technology	✗
Internal memory type	DDR4-SDRAM	Intel VT-x with Extended Page Tables (EPT)	✓
Storage		Intel® Secure Key	✓
Total storage capacity *	64 GB	Intel TSX-NI	✗
Storage media *	Flash	Intel Stable Image Platform Program (SIPP)	✗
Flash memory	64 GB	Intel® OS Guard	✓
Optical drive type *	✗	Intel Software Guard Extensions (Intel SGX)	✓
Card reader integrated	✓	Intel 64	✓
Compatible memory cards	MicroSD (TransFlash)	Execute Disable Bit	✓
Graphics		Idle States	✓
Discrete graphics card model *	Not available	Thermal Monitoring Technologies	✓
On-board graphics card *	✓	Processor package size	46 x 24 mm
On-board GPU manufacturer	Intel	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Discrete graphics card *	✗	CPU configuration (max)	1
On-board graphics card family	Intel® UHD Graphics	Embedded options available	✗
On-board graphics card model *	Intel® UHD Graphics	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card base frequency	300 MHz	Intel Virtualization Technology (VT-x)	✓
On-board graphics card dynamic frequency (max)	1000 MHz	Processor ARK ID	196451
Maximum on-board graphics card memory	32 GB	Battery	
Number of execution units	23	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card DirectX version	12.0	Number of battery cells	3
On-board graphics card OpenGL version	4.5	Battery capacity *	48 Wh
On-board graphics card ID	0x9B41	Battery life (max)	12 h
Audio		Power	
Number of built-in speakers	2	AC adapter power	45 W
Built-in microphone	✓	Security	
Camera		Cable lock slot	✓
Front camera	✓	Cable lock slot type	Kensington
Front camera resolution	1280 x 720 pixels	Weight & dimensions	
Front camera HD type	HD	Width	296 mm
Network		Depth	229 mm
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Height	21.5 mm
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Weight *	1.5 kg
Mobile network connection *	✗		



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