



Acer Chromebook C871-C85K Intel® Celeron® 5205U 30.5 cm (12") 4 GB DDR4-SDRAM 32 GB Flash Wi-Fi 6 (802.11ax) ChromeOS Black QWERTY English

Brand : Acer

Product family: Chromebook

Product code: NX.HQEAA.001

Product name : C871-C85K

12" 1366 x 912, Intel Celeron 5205U, 4GB RAM, 32GB Flash, Intel UHD Graphics, WLAN 802.11, WebCam, ChromeOS

Acer Chromebook C871-C85K. Product type: Chromebook, Form factor: Clamshell. Processor family: Intel® Celeron®, Processor model: 5205U, Processor frequency: 1.9 GHz. Display diagonal: 30.5 cm (12"), Display resolution: 1366 x 912 pixels. Internal memory: 4 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 32 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	
Colour name	Shale Black	Bluetooth	✓
Product type *	Chromebook	Bluetooth version	5.0
Product colour *	Black	Ports & interfaces	
Form factor *	Clamshell	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Original brand name	Acer	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
Display		Headphone outputs	1
Display diagonal *	30.5 cm (12")	Combo headphone/mic port	✓
Display resolution *	1366 x 912 pixels	Keyboard	
Panel type	IPS	Pointing device	Touchpad
LED backlight	✓	Numeric keypad *	✗
Native aspect ratio	3:2	Keyboard layout	QWERTY
Display diagonal (metric)	30.48 cm	Keyboard language	English
Processor		Software	
Processor manufacturer *	Intel	Operating system installed *	ChromeOS
Processor family *	Intel® Celeron®	Processor special features	
Processor model *	5205U	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor cores	2	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor threads	2	Intel® Turbo Boost Technology	✗
Processor frequency *	1.9 GHz	Enhanced Intel SpeedStep Technology	✓
System bus rate	4 GT/s	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache	2 MB	Intel Clear Video Technology	✓
Processor socket	BGA 1528	Intel® Quick Sync Video Technology	✓
Processor lithography	14 nm	Intel Flex Memory Access	✓
Processor operating modes	64-bit	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor codename	Comet Lake	Intel Trusted Execution Technology	✗
Thermal Design Power (TDP)	15 W	Intel VT-x with Extended Page Tables (EPT)	✓
Configurable TDP-down	12.5 W	Intel® Secure Key	✓
Configurable TDP-down frequency	0.8 GHz	Intel TSX-NI	✗
Tjunction	100 °C	Intel® OS Guard	✓
Maximum number of PCI Express lanes	12	Intel Software Guard Extensions (Intel SGX)	✓
PCI Express slots version	2.0		
PCI Express configurations	1x4, 2x2, 1x2+2x1, 4x1		
Memory			
Internal memory *	4 GB		
Internal memory type	DDR4-SDRAM		
Storage			
Total storage capacity *	32 GB		
Storage media *	Flash		

Storage		Processor special features	
Flash memory	32 GB	Intel 64	✓
Optical drive type *	✗	Execute Disable Bit	✓
Card reader integrated	✓	Idle States	✓
Compatible memory cards	MicroSD (TransFlash)	Thermal Monitoring Technologies	✓
Graphics		Processor package size	46 x 24 mm
Discrete graphics card model *	Not available	Supported instruction sets	SSE4.1, SSE4.2
On-board graphics card *	✓	CPU configuration (max)	1
On-board GPU manufacturer	Intel	Embedded options available	✗
Discrete graphics card *	✗	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card family	Intel® UHD Graphics	Intel Virtualization Technology (VT-x)	✓
On-board graphics card model *	Intel® UHD Graphics	Processor ARK ID	197890
On-board graphics card base frequency	300 MHz	Battery	
On-board graphics card dynamic frequency (max)	900 MHz	Battery technology	Lithium-Ion (Li-Ion)
Maximum on-board graphics card memory	32 GB	Number of battery cells	3
On-board graphics card DirectX version	12.0	Battery life (max)	12 h
On-board graphics card OpenGL version	4.5	Removable battery	✓
Audio		Security	
Number of built-in speakers	2	Cable lock slot	✓
Built-in microphone	✓	Cable lock slot type	Kensington
Camera		Fingerprint reader	✗
Front camera	✓	Trusted Platform Module (TPM)	✓
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
Ethernet LAN	✗	Packaging content	
		Cables included	AC



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