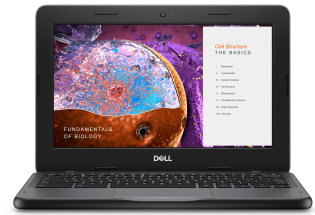




# DELL Chromebook 3110 Intel® Celeron® N N4500 29.5 cm (11.6") Touchscreen HD 4 GB LPDDR4x-SDRAM 64 GB eMMC Wi-Fi 6 (802.11ax) ChromeOS Black



Brand : DELL

Product family: Chromebook

Product code: GTKRN

Product name : 3110

DELL Chromebook 3110. Product type: Chromebook, Form factor: Clamshell. Processor family: Intel® Celeron® N, Processor model: N4500, Processor frequency: 1.1 GHz. Display diagonal: 29.5 cm (11.6"), HD type: HD, Display resolution: 1366 x 768 pixels, Touchscreen. Internal memory: 4 GB, Internal memory type: LPDDR4x-SDRAM. Total storage capacity: 64 GB, Storage media: eMMC. Operating system installed: ChromeOS. Product colour: Black

Design		Ports & interfaces	
Product type *	Chromebook	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Product colour *	Black	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Form factor *	Clamshell	Combo headphone/mic port	✓
Market positioning	Educational	Charging port type	USB Type-C
Display		USB Type-C DisplayPort Alternate Mode	✓
Display diagonal *	29.5 cm (11.6")	PowerShare	✓
Display resolution *	1366 x 768 pixels	Keyboard	
Touchscreen *	✓	Pointing device	Touchpad
HD type	HD	Keyboard language	Nordic
Panel type	TN	Numeric keypad *	✗
Anti-glare screen	✓	Software	
Display brightness	220 cd/m <sup>2</sup>	Operating system installed *	ChromeOS
Pixel density	135 ppi	Battery	
RGB colour space	NTSC	Battery technology	Lithium-Ion (Li-Ion)
Colour gamut	45%	Number of battery cells	3
Maximum refresh rate	60 Hz	Battery capacity *	42 Wh
Contrast ratio (typical)	500:1	Battery voltage	11.4 V
Processor		Battery recharge time	4 h
Processor manufacturer *	Intel	Battery weight	200 g
Processor family *	Intel® Celeron® N	Power	
Processor model *	N4500	AC adapter power	65 W
Processor cores	2	AC adapter frequency	50 - 60 Hz
Processor boost frequency	2.8 GHz	AC adapter input voltage	100 - 240 V
Processor frequency *	1.1 GHz	USB charging voltage	20,5,9,15 V
Processor cache	4 MB	USB charging current	3.25 A
Processor cache type	Smart Cache	Security	
Memory		Cable lock slot	✓
Internal memory *	4 GB	Operational conditions	
Internal memory type	LPDDR4x-SDRAM	Operating temperature (T-T)	0 - 35 °C
Memory clock speed	2933 MHz	Storage temperature (T-T)	-40 - 65 °C
Memory form factor	On-board		
Maximum internal memory *	4 GB		
Memory data transfer rate	2933 MT/s		
ECC	✗		

Storage		Operational conditions	
Total storage capacity *	64 GB	Operating relative humidity (H-H)	10 - 90%
Storage media *	eMMC	Storage relative humidity (H-H)	0 - 95%
Flash memory	64 GB	Operating altitude	-15.2 - 3048 m
Optical drive type *	✗	Non-operating altitude	-15.2 - 10668 m
Graphics		Operating shock	110 G
Discrete graphics card model *	Not available	Non-operating shock	160 G
On-board graphics card *	✓	Operating vibration	0.66 G
On-board GPU manufacturer	Intel	Non-operating vibration	1.3 G
Discrete graphics card *	✗	Sustainability	
On-board graphics card family	Intel® UHD Graphics	Sustainability certificates	TCO
On-board graphics card model *	Intel® UHD Graphics	Weight & dimensions	
Audio		Width	303.9 mm
Number of built-in speakers	2	Depth	207.9 mm
Speaker power	2 W	Height (front)	2.08 cm
Built-in microphone	✓	Height (rear)	2.08 cm
Camera		Weight *	1.28 kg
Front camera	✓	Carbon footprint	
Front camera resolution (numeric)	0.92 MP	Total carbon footprint (kg of CO2e)	229
Front camera resolution	1280 x 720 pixels	Total carbon emissions, standard deviation (kg of CO2e)	42
Front camera HD type	HD	Carbon emissions, manufacturing (kg of CO2e)	201
Video capturing speed	30 fps	Carbon emissions, logistics (kg of CO2e)	9
Network		Carbon emissions, energy usage (kg of CO2e)	17
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Carbon emissions, end-of-life (kg of CO2e)	1
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 6 (802.11ax), 802.11g, Wi-Fi 4 (802.11n)	Total carbon emissions, w/o use phase (kg of CO2e)	211
Mobile network connection *	✗	PAIA version	1.3.2, 2022
Wi-Fi data rate (max)	2400 Mbit/s		
Antenna type	2x2		
WLAN controller model	Intel Wi-Fi 6 AX201		
WLAN controller manufacturer	Intel		
Bluetooth	✓		



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