ASUS Chromebook C423NA-BV0158 laptop Intel® Celeron® N3350 35,6 cm (14") HD 4 GB LPDDR4-SDRAM 32 GB eMMC Wi-Fi 5 (802.11ac) ChromeOS Silver

Brand : ASUS

Product family: Chromebook

Product code: C423NA-BV0158

Product name : C423NA-BV0158

Intel Celeron N3350 (2MB Cache, 1.1GHz), 4 GB LPDDR4-SDRAM, 32 GB eMMC, 35.6 cm (14") HD 1366 x 768, Intel HD Graphics 500, WLAN, Bluetooth, Webcam, ChromeOS
ASUS Chromebook C423NA-BV0158. Product type: Chromebook, Form factor: Clamshell. Processor family: Intel® Celeron®, Processor model: N3350, Processor frequency: 1,1 GHz. Display diagonal: 35,6 cm (14"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: LPDDR4-SDRAM. Total storage capacity: 32 GB, Storage media: eMMC. On-board graphics card model: Intel® HD Graphics 500. Operating system installed: ChromeOS. Product colour: Silver

Design

Product type *	Chromebook
Product colour *	Silver
Form factor *	Clamshell

Display

Display diagonal *	35,6 cm (14")
Display resolution *	1366 x 768 pixels
HD type	HD
LED backlight	✔
Native aspect ratio	16:9
Display surface	Matt

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Celeron®
Processor model *	N3350
Processor cores	2
Processor threads	2
Processor boost frequency	2,4 GHz
Processor frequency *	1,1 GHz
System bus rate	5 GT/s
Processor cache	2 MB
Processor cache type	L2
Processor socket	BGA 1296
Processor lithography	14 nm
Processor operating modes	64-bit
Processor series	Intel Celeron N3000 series
Processor codename	Apollo Lake
Thermal Design Power (TDP)	6 W
Scenario Design Power (SDP)	4 W
Tjunction	105 °C
Maximum number of PCI Express lanes	6
PCI Express slots version	2.0
PCI Express configurations	1x2+2x1, 4x1
ECC supported by processor	✘

Processor special features

Intel Smart Connect Technology	✘
Intel® Anti-Theft Technology (Intel® AT)	✘
Intel® Smart Response Technology	✘
Intel® Identity Protection Technology (Intel® IPT)	✔
Intel® Hyper Threading Technology (Intel® HT Technology)	✘
Intel® Turbo Boost Technology	✘
Intel® Small Business Advantage (Intel® SBA)	✘
Intel® High Definition Audio (Intel® HD Audio)	✔
Enhanced Intel SpeedStep Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✔
Intel® InTru™ 3D Technology	✘
Intel® Insider™	✘
Intel® Quick Sync Video Technology	✔
Intel® AES New Instructions (Intel® AES-NI)	✔
Intel Trusted Execution Technology	✘
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel® Secure Key	✔
Intel Stable Image Platform Program (SIPP)	✘
Intel® OS Guard	✔
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔

Memory

Internal memory *	4 GB
Internal memory type	LPDDR4-SDRAM
Memory clock speed	2400 MHz
Memory form factor	On-board
Maximum internal memory *	4 GB

Storage

Total storage capacity *	32 GB
Storage media *	eMMC
Flash memory	32 GB
Optical drive type *	✗
Card reader integrated	✔
Compatible memory cards	SD, SDHC, SDXC

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✗
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 500
On-board graphics card base frequency	200 MHz
On-board graphics card burst frequency	650 MHz
On-board graphics card dynamic frequency (max)	650 MHz
Maximum on-board graphics card memory	8 GB
Number of execution units	12
On-board graphics card ID	0x5A85

Audio

Built-in microphone	✔

Camera

Front camera	✔

Network

Wi-Fi	✔
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Antenna type	2x2
Ethernet LAN	✗
Bluetooth	✔
Bluetooth version	4.0

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

Pointing device	Touchpad
Numeric keypad *	✗

Software

Operating system installed *	ChromeOS

Processor special features

Intel® Wireless Display (Intel® WiDi)	✗

Processor special features

Thermal Monitoring Technologies	✔
Processor package size	24 x 31 mm
CPU configuration (max)	1
Embedded options available	✔
UART	✔
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Smart Idle Technology	✗
Intel Secure Boot	✔
Intel Smart Connect Technology version	0,00
Intel Identity Protection Technology version	1,00
Intel Smart Response Technology version	0,00
Intel Secure Boot Technology version	1,00
Intel Stable Image Platform Program (SIPP) version	0,00
Intel Secure Key Technology version	1,00
Intel Small Business Advantage (SBA) version	0,00
Intel Virtualization Technology (VT-x)	✔
Intel Rapid Storage Technology	✗
Processor ARK ID	95598
Conflict-Free processor	✔

Battery

Battery technology	Lithium Polymer (LiPo)
Number of battery cells	2
Battery capacity *	38 Wh

Power

AC adapter power	45 W
AC adapter frequency	50/60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	3 A
AC adapter output voltage	15 V

Certificates

Certification	UL, CE Marking Compliance, FCC Compliance, BSMI, Australia C-TICK / NZ A-Tick Compliance, CB, Energy Star, JATE

Sustainability

Sustainability certificates	ENERGY STAR

Weight & dimensions

Width	322,6 mm
Depth	228 mm
Height	16,1 mm
Weight *	1,2 kg

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