HP

HP Chromebook 14a-na0180nd Intel® Pentium® Silver N5030 35.6 cm (14") Full HD 8 GB LPDDR4-SDRAM 128 GB eMMC Wi-Fi 5 (802.11ac) ChromeOS Silver

Brand : HP   **Product family:** Chromebook   **Product code:** 4R8W3EA#ABH
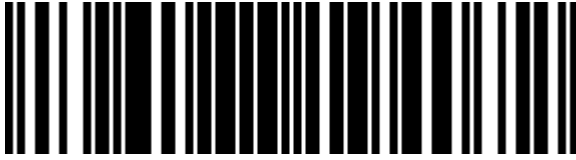
Product name : 14a-na0180nd

HP Chromebook 14a-na0180nd. Product type: Chromebook, Form factor: Clamshell. Processor family: Intel® Pentium® Silver, Processor model: N5030, Processor frequency: 1.1 GHz. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: LPDDR4-SDRAM. Total storage capacity: 128 GB, Storage media: eMMC. On-board graphics card model: Intel® UHD Graphics 605. Operating system installed: ChromeOS. Product colour: Silver

Design

Colour name	Mineral silver cover, natural silver keyboard frame
Product type *	Chromebook
Product colour *	Silver
Form factor *	Clamshell
Market positioning	Everyday
Country of origin	China
Original brand name	HP

Display

Display diagonal *	35.6 cm (14")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✘
HD type	Full HD
Panel type	IPS
LED backlight	✔
Native aspect ratio	16:9
Anti-glare screen	✔
Display bezel technology	Micro-Edge
Display brightness	250 cd/m²
Display diagonal (metric)	35.6 cm
RGB colour space	NTSC
Colour gamut	45%

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Pentium® Silver
Processor model *	N5030
Processor cores	4
Processor threads	4
Processor boost frequency	3.1 GHz
Processor frequency *	1.1 GHz
Processor cache	4 MB
Processor cache type	L2

Network

MIMO type	Multi User MIMO

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Performance

Motherboard chipset	Intel SoC

Keyboard

Pointing device	Touchpad
Numeric keypad *	✘
Island-style keyboard	✔
Full-size keyboard	✔
Keyboard layout	QWERTY
Keyboard colour name	asgrijs

Software

Pre-installed software	100 GB Google One
Operating system installed *	ChromeOS

Processor special features

Enhanced Intel SpeedStep Technology	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔

Memory

Internal memory *	8 GB
Internal memory type	LPDDR4-SDRAM
Memory clock speed	2400 MHz
Memory form factor	On-board
Maximum internal memory *	8 GB
ECC	✘
Non-ECC	✔

Storage

Total storage capacity *	128 GB
Storage media *	eMMC
Flash memory	128 GB
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash)

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® UHD Graphics
On-board graphics card model *	Intel® UHD Graphics 605

Audio

Audio system	B&O PLAY
Built-in speaker(s)	✔
Number of built-in speakers	2
Speakers manufacturer	Bang & Olufsen
Built-in microphone	✔
Number of microphones	2

Camera

Front camera	✔
Front camera signal format	720p
Front camera HD type	HD

Network

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)
Mobile network connection *	✘
Antenna type	2x2
WLAN controller model	Realtec RTL8822CE
WLAN controller manufacturer	Realtek
Ethernet LAN	✘
Bluetooth	✔
Bluetooth version	5.0
MIMO	✔

Processor special features

CPU configuration (max)	1
Embedded options available	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔

Brand-specific features

HP speaker type	HP Dual Speakers
HP Imagepad	✔
HP front camera	HP Wide Vision HD
HP segment	Home

Battery

Battery technology	Lithium Polymer (LiPo)
Number of battery cells	2
Battery capacity *	47 Wh
Battery life (max)	12.5 h
Fast charging	✔
Fast charging time (50%)	45 min
Battery weight	190 g

Power

AC adapter power	45 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
USB Type-C charging port *	✔
USB Power Delivery (USB PD)	✔

Security

Password protection	✔
Password protection type	BIOS, Power on, User

Sustainability

Sustainability certificates	EPEAT Silver

Weight & dimensions

Width	325.7 mm
Depth	218.5 mm
Height	17.9 mm
Weight *	1.46 kg

Packaging data

Package width	69 mm
Package depth	483 mm
Package height	305 mm
Package weight	2.3 kg

Packaging content

Keyboard included	✔
Stylus pen	✘

Other features

Number of speakers	2

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