HP

HP x360 310 G1 Intel® Pentium® N3540 Laptop 29.5 cm (11.6") Touchscreen 4 GB DDR3L-SDRAM 500 GB HDD Wi-Fi 4 (802.11n) Windows 8.1 Pro Silver

Brand : HP   **Product family:** x360   **Product code:** K9J15ES#ABH

Product name : x360 310 G1

Intel Pentium N3540 (2.16GHz, 2MB), 11.6" HD WLED SVA touch (1366 x 768), 4GB DDR3L SDRAM, 500GB SATA 5400 rpm, 802.11b/g/n, Bluetooth 4.0, webcam, Windows 8.1 Pro 64
HP x360 310 G1. Product type: Laptop, Form factor: Convertible (Folder). Processor family: Intel® Pentium®, Processor model: N3540, Processor frequency: 2.16 GHz. Display diagonal: 29.5 cm (11.6"), Display resolution: 1366 x 768 pixels, Touchscreen. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 500 GB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics. Operating system installed: Windows 8.1 Pro. Product colour: Silver

Design

Product type *	Laptop
Product colour *	Silver
Form factor *	Convertible (Folder)
Country of origin	China

Display

Display diagonal *	29.5 cm (11.6")
Display resolution *	1366 x 768 pixels
Touchscreen *	✔
LED backlight	✔
Native aspect ratio	16:9

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Pentium®
Processor model *	N3540
Processor cores	4
Processor threads	4
Processor boost frequency	2.66 GHz
Processor frequency *	2.16 GHz
Processor cache	2 MB
Processor cache type	L2
Processor socket	BGA 1170
Processor lithography	22 nm
Processor operating modes	32-bit, 64-bit
Processor series	Intel® Pentium N3000 Series for Mobile
Processor codename	Bay Trail
FSB Parity	✗
Stepping	C0
Thermal Design Power (TDP)	7.5 W
Scenario Design Power (SDP)	4.5 W

Ports & interfaces

Docking connector	✗
Total number of SATA connectors	2

Performance

Motherboard chipset	Intel SoC

Keyboard

Pointing device	Touchpad
Numeric keypad *	✗
Keyboard layout	QWERTY

Software

Operating system architecture	64-bit
Operating system installed *	Windows 8.1 Pro

Processor special features

Intel® Wireless Display (Intel® WiDi)	✔
Intel® My WiFi Technology (Intel® MWT)	✗
Intel Smart Connect Technology	✔
Intel® Anti-Theft Technology (Intel® AT)	✗
Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Intel® Turbo Boost Technology	✗
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	✔

Processor

Tjunction	100 °C
Maximum number of PCI Express lanes	4
PCI Express slots version	2.0
PCI Express configurations	1x4
ECC supported by processor	✘

Memory

Internal memory *	4 GB
Internal memory type	DDR3L-SDRAM
Memory layout (slots x size)	1 x 4 GB
Memory slots	1x SO-DIMM
Maximum internal memory *	8 GB

Storage

Total storage capacity *	500 GB
Storage media *	HDD
Total HDDs capacity	500 GB
Number of HDDs installed	1
HDD capacity	500 GB
HDD interface	SATA
HDD speed	5400 RPM
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	SD, SDHC, SDXC

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✘
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics
On-board graphics card base frequency	313 MHz
On-board graphics card burst frequency	896 MHz
On-board graphics card dynamic frequency (max)	896 MHz
On-board graphics card DirectX version	11.2

Audio

Number of built-in speakers	2
Built-in microphone	✔

Camera

Front camera	✔

Network

Wi-Fi	✔
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)
Ethernet LAN	✔
Bluetooth	✔
Bluetooth version	4.0

Ports & interfaces

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
DVI port	✘
VGA (D-Sub) ports quantity	1

Processor special features

Intel Flex Memory Access	✘
Intel® AES New Instructions (Intel® AES-NI)	✘
Intel Trusted Execution Technology	✘
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✘
Intel Demand Based Switching	✘
Intel® Secure Key	✔
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✘
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✘
Processor package size	25 x 27 mm
Processor code	SR1YW
CPU configuration (max)	1
Embedded options available	✘
Graphics & IMC lithography	22 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✘
Intel Smart Connect Technology version	1.00
Intel Secure Key Technology version	1.00
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✘
Intel FDI Technology	✘
Intel Rapid Storage Technology	✘
Intel Fast Memory Access	✘
Processor ARK ID	82105
Conflict-Free processor	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)

Power

AC adapter power	45 W

Security

Cable lock slot	✔

Sustainability

Sustainability certificates	ENERGY STAR

Weight & dimensions

Width	308 mm
Depth	215.1 mm
Height	21.9 mm
Weight *	1.4 kg

Other features

Intel segment tagging	Enterprise

Ports & interfaces

Combo headphone/mic port   ✔

Catalog Object Cloud