



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
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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		Processor special features	
Tjunction	100 °C	Intel Flex Memory Access	✗
Maximum number of PCI Express lanes	4	Intel® AES New Instructions (Intel® AES-NI)	✗
PCI Express slots version	2.0	Intel Trusted Execution Technology	✗
PCI Express configurations	1x4	Intel Enhanced Halt State	✓
ECC supported by processor	✗	Intel VT-x with Extended Page Tables (EPT)	✗
Memory		Intel Demand Based Switching	✗
Internal memory *	4 GB	Intel® Secure Key	✓
Internal memory type	DDR3L-SDRAM	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Memory layout (slots x size)	1 x 4 GB	Intel 64	✓
Memory slots	1x SO-DIMM	Execute Disable Bit	✓
Maximum internal memory *	8 GB	Idle States	✓
Storage		Thermal Monitoring Technologies	✗
Total storage capacity *	500 GB	Processor package size	25 x 27 mm
Storage media *	HDD	Processor code	SR1YW
Total HDDs capacity	500 GB	CPU configuration (max)	1
Number of HDDs installed	1	Embedded options available	✗
HDD capacity	500 GB	Graphics & IMC lithography	22 nm
HDD interface	SATA	Intel Virtualization Technology for Directed I/O (VT-d)	✗
HDD speed	5400 RPM	Intel Smart Connect Technology version	1.00
Optical drive type *	✗	Intel Secure Key Technology version	1.00
Card reader integrated	✓	Intel Virtualization Technology (VT-x)	✓
Compatible memory cards	SD, SDHC, SDXC	Intel Dual Display Capable Technology	✗
Graphics		Intel FDI Technology	✗
Discrete graphics card model *	Not available	Intel Rapid Storage Technology	✗
On-board graphics card *	✓	Intel Fast Memory Access	✗
Discrete graphics card *	✗	Processor ARK ID	82105
On-board graphics card family	Intel® HD Graphics	Conflict-Free processor	✓
On-board graphics card model *	Intel® HD Graphics	Battery	
On-board graphics card base frequency	313 MHz	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card burst frequency	896 MHz	Power	
On-board graphics card dynamic frequency (max)	896 MHz	AC adapter power	45 W
On-board graphics card DirectX version	11.2	Security	
Audio		Cable lock slot	✓
Number of built-in speakers	2	Sustainability	
Built-in microphone	✓	Sustainability certificates	ENERGY STAR
Camera		Weight & dimensions	
Front camera	✓	Width	308 mm
Network		Depth	215.1 mm
Wi-Fi	✓	Height	21.9 mm
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)	Weight *	1.4 kg
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Other features	
Ethernet LAN	✓	Intel segment tagging	Enterprise
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		

Ports & interfaces

Combo headphone/mic port 

Catalog Object Cloud



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