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ASUS Zenbook Flip 14 UX461FN-DH74T Intel® Core™ i7 i7-8550U Hybrid (2-in-1) 35.6 cm (14") Touchscreen Full HD 16 GB LPDDR3-SDRAM 512 GB SSD NVIDIA® GeForce® MX150 Wi-Fi 5 (802.11ac) Windows 10 Stainless steel

Brand : ASUS   **Product family:** Zenbook   **Product code:** 90NB0K21-M00100

Product name : 14 UX461FN-DH74T

- 14-Inch wide-view Full-HD nano-edge bezel touch display in 13.3" chassis
- Latest 8th generation Intel Core Whiskey Lake i7-8550U Quad Core Processor
- 8M Cache, up to 4.00 GHz
- Fast storage and memory featuring NVMe PCI e 512GB SSD with 16GB LPDDR4 RAM
- NVIDIA Geforce MX150 2GB discrete graphics
- Extensive connectivity with HDMI/USB Type C, 802.11a/c WiFi, and SD Card Reader
- Sleek and lightweight 3.3 lbs, 0.5-inch thickness, aluminum body
- Built-in fingerprint reader with one-touch login via Windows Hello feature
- Windows 10 Pre-installed
- Carry sleeve and Type A to LAN cable adapter included

ZenBook Flip 14 UX461FN-DH74T Ultra-Slim, 14" FHD, Intel Core i7, 16GB, 512GB NVMe PCIe SSD,Nvidia MX150

Design

Product type *	Hybrid (2-in-1)
Product colour *	Stainless steel
Form factor *	Convertible (Folder)

Display

Display diagonal *	35.6 cm (14")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✔
HD type	Full HD
Touch technology	Multi-touch
LED backlight	✔
Native aspect ratio	16:9

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	8th gen Intel® Core™ i7
Processor *	i7-8550U
Processor number of cores	4
Processor threads	8
Processor boost frequency	4 GHz
Processor frequency *	1.8 GHz
System bus data transfer rate	4 GT/s
Processor cache	8 MB
Processor socket	BGA 1356
Processor lithography	14 nm
Processor operating modes	64-bit
Processor codename	Kaby Lake R
Bus type	OPI
Stepping	Y0
Thermal Design Power (TDP)	15 W
Configurable TDP-up frequency	2 GHz
Configurable TDP-up	25 W

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 *	1
HDMI ports quantity *	1
Combo headphone/mic port	✔

Keyboard

Numeric keypad *	✘
Keyboard backlit	✔

Software

Operating system architecture	64-bit
Operating system installed *	Windows 10

Processor special features

Intel My WiFi Technology	✔
Intel® Smart Response Technology	✔
Intel Identity Protection Technology	✔
Intel Hyper-Threading Technology	✔
Intel Turbo Boost Technology	2.0
Enhanced Intel SpeedStep Technology	✔
Intel Clear Video HD Technology	✔
Intel Clear Video Technology	✔
Intel® InTru™ 3D Technology	✔
Intel® Quick Sync Video Technology	✔
Intel Flex Memory Access	✔
Intel AES New Instructions	✔
Intel Trusted Execution Technology	✘
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔

Processor

Configurable TDP-down	10 W
Configurable TDP-down frequency	0.8 GHz
Tjunction	100 °C
Maximum number of PCI Express lanes	12
PCI Express slots version	3.0
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1
ECC supported by processor	✘

Memory

Internal memory *	16 GB
Internal memory type	LPDDR3-SDRAM
Memory form factor	On-board
Memory, maximum *	16 GB

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Optical drive *	✘
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash)

Graphics

Discrete graphics card model *	NVIDIA® GeForce® MX150
Discrete graphics card memory	2 GB
Discrete graphics memory type	GDDR5
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel® UHD Graphics 620
On-board graphics card base frequency	300 MHz
On-board graphics card dynamic frequency (max)	1150 MHz
Maximum on-board graphics card memory	32 GB
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	0x5917

Audio

Built-in microphone	✔

Camera

Front camera	✔

Network

Wi-Fi	✔
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)
Bluetooth	✔
Bluetooth version	5.0

Processor special features

Intel® Secure Key	✔
Intel TSX-NI	✘
Intel® OS Guard	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel Clear Video Technology for MID	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	42 x 24 mm
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
CPU configuration (max)	1
Embedded options available	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1.00
Intel Smart Response Technology version	1.00
Intel Secure Key Technology version	1.00
Intel TSX-NI version	0.00
Intel Virtualization Technology (VT-x)	✔
Processor ARK ID	122589
Conflict-Free processor	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity *	57 Wh

Power

AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V

Security

Fingerprint reader	✔

Weight & dimensions

Width	327.7 mm
Depth	226.1 mm
Height	12.7 mm
Weight *	1.5 kg

Packaging content

Manual	✔
Warranty card	✔
Power cord included	✔

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