

ASUS Zenbook Flip 15 UX562FD-A1054T Intel® Core™ i3 i7-8565U 39.6 cm (15.6") 4K Ultra HD 12 GB DDR4-SDRAM 2.26 TB HDD+SSD NVIDIA® GeForce® GTX 1050 Max-Q Wi-Fi 5 (802.11ac) Windows 10 Home



Brand: ASUS

Series: Zenbook

Model: 90NB0JS1-M00830

SKU: UX562FD-A1054T

ASUS Zenbook Flip 15 UX562FD-A1054T. Processor: Intel® Core™ i3 i7-8565U, Frequency: 1.8 GHz. Display: 39.6 cm (15.6"), HD: 4K Ultra HD, Resolution: 3840 x 2160 pixels. Memory: 12 GB, Type: DDR4-SDRAM. Storage: 2.26 TB, Type: HDD+SSD. Operating System: Windows 10 Home. Features: Convertible (360°), Touchscreen.

Design		Network	
Product type *	Hybrid (2-in-1)	Wi-Fi	✓
Product colour *	Grey	Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Form factor *	Convertible (Folder)	Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)
Display		Bluetooth	✓
Display diagonal *	39.6 cm (15.6")	Bluetooth version	5.0
Display resolution *	3840 x 2160 pixels	Ports & interfaces	
Touchscreen *	✓	USB 2.0 ports quantity *	1
HD type	4K Ultra HD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
LED backlight	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Native aspect ratio	16:9	HDMI ports quantity *	1
Display surface	Gloss	Combo headphone/mic port	✓
Dual-screen	✗	Keyboard	
Processor		Pointing device	Touchpad
Processor manufacturer *	Intel	Numeric keypad *	✓
Processor family *	Intel® Core™ i7	Windows keys	✓
Processor generation	8th gen Intel® Core™ i7	Software	
Processor model *	i7-8565U	Operating system installed *	Windows 10 Home
Processor cores	4	Processor special features	
Processor threads	8	Intel® My WiFi Technology (Intel® MWT)	✓
Processor boost frequency	4.6 GHz	Intel® Smart Response Technology	✓
Processor frequency *	1.8 GHz	Intel® Identity Protection Technology (Intel® IPT)	✓
System bus rate	4 GT/s	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cache	8 MB	Intel® Turbo Boost Technology	2.0
Processor cache type	Smart Cache	Enhanced Intel SpeedStep Technology	✓
Processor socket	BGA 1528	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor codename	Whiskey Lake		
Bus type	OPI		
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	2 GHz		
Configurable TDP-up	25 W		
Configurable TDP-down	10 W		

Processor		Processor special features	
Configurable TDP-down frequency	0.8 GHz	Intel Clear Video Technology	✓
Tjunction	100 °C	Intel® Quick Sync Video Technology	✓
Maximum number of PCI Express lanes	16	Intel Flex Memory Access	✓
PCI Express slots version	3.0	Intel® AES New Instructions (Intel® AES-NI)	✓
PCI Express configurations	1x4, 2x2	Intel Trusted Execution Technology	✗
ECC supported by processor	✗	Intel Enhanced Halt State	✓
Memory		Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory *	12 GB	Intel® Secure Key	✓
Internal memory type	DDR4-SDRAM	Intel TSX-NI	✗
Memory clock speed	2400 MHz	Intel® OS Guard	✓
Memory form factor	On-board	Intel Software Guard Extensions (Intel SGX)	✓
Maximum internal memory *	12 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Storage		Intel 64	✓
Total storage capacity *	2.26 TB	Execute Disable Bit	✓
Storage media *	HDD+SSD	Idle States	✓
Total HDDs capacity	2 TB	Thermal Monitoring Technologies	✓
Total SSDs capacity	256 GB	Processor package size	46x24 mm
Number of SSDs installed	1	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
SSD capacity	256 GB	CPU configuration (max)	1
Optical drive type *	✗	Embedded options available	✗
Card reader integrated	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Compatible memory cards	SD	Intel Identity Protection Technology version	1.00
Graphics		Intel Smart Response Technology version	1.00
Discrete graphics card model *	NVIDIA® GeForce® GTX 1050 Max-Q	Intel Secure Key Technology version	1.00
Discrete graphics card memory	2 GB	Intel TSX-NI version	0.00
Discrete graphics memory type	GDDR5	Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Processor ARK ID	149091
Discrete graphics card *	✓	Battery	
On-board graphics card family	Intel® UHD Graphics	Battery technology	Lithium Polymer (LiPo)
On-board graphics card model *	Intel® UHD Graphics	Number of battery cells	6
On-board graphics card base frequency	300 MHz	Battery capacity *	86 Wh
On-board graphics card dynamic frequency (max)	1150 MHz	Power	
Maximum on-board graphics card memory	32 GB	AC adapter power	120 W
On-board graphics card DirectX version	12.0	AC adapter frequency	50 - 60 Hz
On-board graphics card OpenGL version	4.5	AC adapter input voltage	100 - 240 V
On-board graphics card ID	0x3EA0	AC adapter output voltage	19 V
Audio		Weight & dimensions	
Audio system	SonicMaster	Width	357 mm
Built-in microphone	✓	Depth	226 mm
Camera		Height	20.9 mm
Front camera	✓	Weight *	1.9 kg
Infrared (IR) camera	✓		

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