

ASUS Zenbook UX330UA-FC313T Intel® Core™ i7 i7-8550U Laptop 33.8 cm (13.3") Full HD 8 GB LPDDR3-SDRAM 256 GB SSD Windows 10 Home Gray



Brand : ASUS

Product family: Zenbook

Product code: 90NB0CW1-M08470

Product name : UX330UA-FC313T

Intel Core i7-8550U (1.8GHz, 8MB Cache), 8GB RAM, 256GB SSD, Intel UHD Graphics 620, WLAN 802.11, Windows 10

ASUS Zenbook UX330UA-FC313T. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-8550U, Processor frequency: 1.8 GHz. Display diagonal: 33.8 cm (13.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: LPDDR3-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics 620. Operating system installed: Windows 10 Home. Product color: Gray



Design		Performance	
Product type *	Laptop	Motherboard chipset	Intel SoC
Product color *	Gray	Keyboard	
Form factor *	Clamshell	Pointing device	Touchpad
Display		Numeric keypad *	✗
Display diagonal *	33.8 cm (13.3")	Full-size keyboard	✓
Display resolution *	1920 x 1080 pixels	Windows keys	✓
Touchscreen *	✗	Software	
HD type	Full HD	Operating system architecture	64-bit
LED backlight	✓	Operating system installed *	Windows 10 Home
Native aspect ratio	16:9	Processor special features	
Display surface	Matt	Intel® My WiFi Technology (Intel® MWT)	✓
Processor		Intel® Smart Response Technology	✓
Processor manufacturer *	Intel	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor family *	Intel® Core™ i7	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor generation	8th gen Intel® Core™ i7	Intel® Turbo Boost Technology	2.0
Processor model *	i7-8550U	Enhanced Intel SpeedStep Technology	✓
Processor cores	4	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor threads	8	Intel Clear Video Technology	✓
Processor boost frequency	4 GHz	Intel® InTru™ 3D Technology	✓
Processor frequency *	1.8 GHz	Intel® Quick Sync Video Technology	✓
System bus rate	4 GT/s	Intel Flex Memory Access	✓
Processor cache	8 MB	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor socket	BGA 1356	Intel Trusted Execution Technology	✗
Processor lithography	14 nm	Intel Enhanced Halt State	✓
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		

Processor		Processor special features	
Configurable TDP-down	10 W	Intel VT-x with Extended Page Tables (EPT)	✓
Configurable TDP-down frequency	0.8 GHz	Intel® Secure Key	✓
Tjunction	100 °C	Intel TSX-NI	✗
Maximum number of PCI Express lanes	12	Intel® OS Guard	✓
PCI Express slots version	3.0	Intel Software Guard Extensions (Intel SGX)	✓
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
ECC supported by processor	✗	Intel 64	✓
Memory		Execute Disable Bit	✓
Internal memory *	8 GB	Idle States	✓
Internal memory type	LPDDR3-SDRAM	Thermal Monitoring Technologies	✓
Memory clock speed	1866 MHz	Processor package size	42 x 24 mm
Memory form factor	On-board	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Maximum internal memory *	8 GB	CPU configuration (max)	1
Storage		Embedded options available	✗
Total storage capacity *	256 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage media *	SSD	Intel Identity Protection Technology version	1.00
Number of SSDs installed	1	Intel Smart Response Technology version	1.00
SSD capacity	256 GB	Intel Secure Key Technology version	1.00
SSD interface	SATA III	Intel TSX-NI version	0.00
Optical drive type *	✗	Intel Virtualization Technology (VT-x)	✓
Card reader integrated	✓	Processor ARK ID	122589
Compatible memory cards	SD	Conflict-Free processor	✓
Graphics		Battery	
Discrete graphics card model *	Not available	Battery technology	Lithium Polymer (LiPo)
On-board graphics card *	✓	Battery capacity	3830 mAh
Discrete graphics card *	✗	Battery capacity *	57 Wh
On-board graphics card model *	Intel® UHD Graphics 620	Battery life (max)	12 h
On-board graphics card base frequency	300 MHz	Power	
On-board graphics card dynamic frequency (max)	1150 MHz	AC adapter power	45 W
Maximum on-board graphics card memory	32 GB	AC adapter frequency	50 - 60 Hz
On-board graphics card DirectX version	12.0	AC adapter input voltage	100 - 240 V
On-board graphics card OpenGL version	4.4	AC adapter output voltage	19 V
On-board graphics card ID	0x5917	DC-in jack	✓
Audio		Security	
Audio system	SonicMaster	Trusted Platform Module (TPM)	✓
Speakers manufacturer	Bang & Olufsen	Password protection	✓
Speaker power	2 W	Password protection type	BIOS, User
Built-in microphone	✓	Certificates	
Camera		Certification	UL, TUV, CE Marking Compliance, FCC Compliance, BSMI, CCC, Energy star
Front camera	✓	Sustainability	
Network		Sustainability certificates	ENERGY STAR
Wi-Fi	✓	Weight & dimensions	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Width	323 mm
Ethernet LAN	✗	Depth	222.3 mm
Bluetooth	✓	Height	13.7 mm
Bluetooth version	4.1	Weight *	1.2 kg
Ports & interfaces		Packaging content	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Manual	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1		

Ports & interfaces

DVI port	✗
Micro HDMI ports quantity	1
Combo headphone/mic port	✓

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