

ASUS Zenbook UX430UQ Intel® Core™ i7 i7-7500U Laptop 35.6 cm (14") Full HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA® GeForce® 940MX Windows 10 Pro Blue



Brand : ASUS

Product family: Zenbook

Product code: 90NB0DS5-M03740

Product name : UX430UQ

Intel Core i7-7500U (2.7GHz, 4M Cache), 16GB RAM, 512GB SSD, Intel UHD Graphics 620, WLAN 802.11, Ethernet, Windows 10 Pro

ASUS Zenbook UX430UQ. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor: i7-7500U, Processor frequency: 2.7 GHz. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® HD Graphics 620. Operating system installed: Windows 10 Pro. Product colour: Blue

Design		Keyboard	
Product type *	Laptop	Pointing device	Touchpad
Product colour *	Blue	Numeric keypad *	✗
Form factor *	Clamshell	Full-size keyboard	✓
Display		Windows keys	✓
Display diagonal *	35.6 cm (14")	Software	
Display resolution *	1920 x 1080 pixels	Operating system architecture	64-bit
Touch screen *	✗	Operating system installed *	Windows 10 Pro
HD type	Full HD	Processor special features	
LED backlight	✓	Intel Wireless Display (WiDi) Technology	✓
Native aspect ratio	16:9	Intel My WiFi Technology	✓
Display surface	Matt	Intel® Smart Response Technology	✓
Processor		Intel Identity Protection Technology	✓
Processor manufacturer *	Intel	Intel Hyper-Threading Technology	✓
Processor family *	Intel® Core™ i7	Intel Turbo Boost Technology	2.0
Processor generation	7th gen Intel® Core™ i7	Intel® Small Business Advantage (Intel® SBA)	✓
Processor *	i7-7500U	Enhanced Intel SpeedStep Technology	✓
Processor number of cores	2	Intel Clear Video HD Technology	✓
Processor threads	4	Intel Clear Video Technology	✓
Processor boost frequency	3.5 GHz	Intel® InTru™ 3D Technology	✓
Processor frequency *	2.7 GHz	Intel® Insider™	✓
System bus data transfer rate	4 GT/s	Intel® Quick Sync Video Technology	✓
Processor cache	4 MB	Intel Flex Memory Access	✓
Processor cache type	Smart Cache	Intel AES New Instructions	✓
Processor socket	BGA 1356	Intel Trusted Execution Technology	✗
Processor lithography	14 nm	Intel Enhanced Halt State	✓
Processor operating modes	64-bit	Intel VT-x with Extended Page Tables (EPT)	✓
Processor codename	Kaby Lake	Intel® Secure Key	✓
Bus type	OPI	Intel TSX-NI	✗
Stepping	H0		
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	2.9 GHz		
Configurable TDP-up	25 W		
Configurable TDP-down	7.5 W		
Configurable TDP-down frequency	0.8 GHz		

Processor		Processor special features	
Tjunction	100 °C	Intel Stable Image Platform Program (SIPP)	✗
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 MID	✓
ECC supported by processor	✗	Intel 64	✓
Memory		Execute Disable Bit	✓
Internal memory *	16 GB	Idle States	✓
Internal memory type	DDR4-SDRAM	Thermal Monitoring Technologies	✓
Memory clock speed	2133 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 *	16 GB	Processor code	SR2ZV
Storage		CPU configuration (max)	1
Total storage capacity *	512 GB	Embedded options available	✗
Storage media *	SSD	Graphics & IMC lithography	14 nm
Number of SSDs installed	1	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Solid-state drive capacity	512 GB	Intel Identity Protection Technology version	1.00
Solid-state drive interfaces	SATA III	Intel Smart Response Technology version	1.00
SSD form factor	M.2	Intel Stable Image Platform Program (SIPP) version	0.00
Optical drive type *	✗	Intel Secure Key Technology version	1.00
Card reader integrated	✓	Intel TSX-NI version	0.00
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Virtualization Technology (VT-x)	✓
Graphics		Processor ARK ID	95451
Discrete graphics card model *	NVIDIA® GeForce® 940MX	Conflict-Free processor	✓
On-board graphics card *	✓	Battery	
Discrete graphics card *	✓	Battery technology	Lithium Polymer (LiPo)
On-board graphics card model *	Intel® HD Graphics 620	Number of battery cells	3
On-board graphics card base frequency	300 MHz	Battery capacity *	50 Wh
On-board graphics card dynamic frequency (max)	1050 MHz	Battery life (max)	9 h
Maximum on-board graphics card memory	32 GB	Energy Management	
On-board graphics card DirectX version	12.0	AC adapter power	65 W
On-board graphics card OpenGL version	4.4	AC adapter frequency	50 - 60 Hz
On-board graphics card ID	0x5916	AC adapter input voltage	100 - 240 V
Audio		AC adapter output voltage	19 V
Audio system	SonicMaster	DC-in jack	✓
Built-in microphone	✓	Security	
Camera		Password protection	✓
Front camera	✓	Password protection type	BIOS, HDD, User
Network		Weight & Dimensions	
Wi-Fi	✓	Width	324 mm
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Depth	225 mm
Bluetooth	✓	Height	15.9 mm
Bluetooth version	4.1	Weight *	1.25 kg
Ports & interfaces		Packaging Content	
USB 2.0 ports quantity *	1	Manual	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1		
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1		
DVI port	✗		
Micro HDMI ports quantity	1		
Combo headphone/mic port	✓		

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