

ASUS Zenbook 14 UX434FLC-AI284R laptop Intel® Core™ i7 i7-10510U 35.6 cm (14") Full HD 16 GB LPDDR3-SDRAM 1 TB SSD NVIDIA® GeForce® MX250 Wi-Fi 6 (802.11ax) Windows 10 Pro Blue



Brand : ASUS

Product family: Zenbook

Product code: UX434FLC-AI284R

Product name : UX434FLC-AI284R

- Windows 10 Pro
 - Intel Core i7-10510U (8MB Cache, 1.8GHz)
 - 35.6 cm (14") Full HD 1920 x 1080, NVIDIA GeForce MX250 (2GB GDDR5)
 - 16GB (2133MHz) LPDDR3-SDRAM & 1000GB SSD
 Intel Core i7-10510U (8MB Cache, 1.8GHz), 16GB LPDDR3-SDRAM, 1000GB SSD, 35.6 cm (14") Full HD 1920 x 1080, Intel UHD Graphics, NVIDIA GeForce MX250 (2GB GDDR5), WLAN, Bluetooth, Webcam, Windows 10 Pro
 ASUS Zenbook 14 UX434FLC-AI284R. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-10510U, Processor frequency: 1.8 GHz. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: LPDDR3-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 10 Pro. Product colour: Blue

Design		Network	
Product type *	Laptop	Wi-Fi	✓
Product colour *	Blue	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Form factor *	Clamshell	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Display		Antenna type	2x2
Display diagonal *	35.6 cm (14")	Ethernet LAN	✗
Display resolution *	1920 x 1080 pixels	Bluetooth	✓
HD type	Full HD	Bluetooth version	5.0
LED backlight	✓	Ports & interfaces	
Native aspect ratio	16:9	USB 2.0 ports quantity *	1
Display surface	Gloss	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Dual-screen	✗	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
sRGB coverage (typical)	100%	HDMI ports quantity *	1
Processor		Combo headphone/mic port	✓
Processor manufacturer *	Intel	Keyboard	
Processor family *	Intel® Core™ i7	Pointing device	ScreenPad
Processor generation	10th gen Intel® Core™ i7	Numeric keypad *	✗
Processor model *	i7-10510U	Windows keys	✓
Processor cores	4	Software	
Processor threads	8	Operating system installed *	Windows 10 Pro
Processor boost frequency	4.9 GHz	Processor special features	
Processor frequency *	1.8 GHz	Intel® My WiFi Technology (Intel® MWT)	✓
System bus rate	4 GT/s	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor cache	8 MB	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor socket	BGA 1528	Intel® Turbo Boost Technology	2.0
Processor lithography	14 nm	Enhanced Intel SpeedStep Technology	✓
Processor operating modes	64-bit	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor codename	Comet Lake		
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	2.3 GHz		
Configurable TDP-up	25 W		
Configurable TDP-down	10 W		
Configurable TDP-down frequency	0.8 GHz		
Tjunction	100 °C		

Processor		Processor special features	
Maximum number of PCI Express lanes	16	Intel Clear Video Technology	✓
PCI Express slots version	3.0	Intel® Quick Sync Video Technology	✓
PCI Express configurations	1x4, 2x2, 1x2+2x1, 4x1	Intel Flex Memory Access	✓
Memory		Intel® AES New Instructions (Intel® AES-NI)	✓
Internal memory *	16 GB	Intel Trusted Execution Technology	✗
Internal memory type	LPDDR3-SDRAM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory clock speed	2133 MHz	Intel® Secure Key	✓
Memory form factor	On-board	Intel TSX-NI	✗
Maximum internal memory *	16 GB	Intel Stable Image Platform Program (SIPP)	✗
Storage		Intel® OS Guard	✓
Total storage capacity *	1 TB	Intel Software Guard Extensions (Intel SGX)	✓
Storage media *	SSD	Intel 64	✓
Total SSDs capacity	1 TB	Execute Disable Bit	✓
Number of SSDs installed	1	Idle States	✓
SSD capacity	1 TB	Thermal Monitoring Technologies	✓
Optical drive type *	✗	Processor package size	46 x 24 mm
Card reader integrated	✓	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Compatible memory cards	MicroSD (TransFlash)	CPU configuration (max)	1
Graphics		Embedded options available	✗
Discrete graphics card model *	NVIDIA® GeForce® MX250	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics card memory	2 GB	Intel Virtualization Technology (VT-x)	✓
Discrete graphics memory type	GDDR5	Processor ARK ID	196449
On-board graphics card *	✓	Battery	
Discrete graphics card *	✓	Battery technology	Lithium Polymer (LiPo)
On-board graphics card family	Intel® UHD Graphics	Number of battery cells	3
On-board graphics card model *	Intel® UHD Graphics	Battery capacity *	50 Wh
On-board graphics card base frequency	300 MHz	Power	
On-board graphics card dynamic frequency (max)	1150 MHz	AC adapter power	65 W
Maximum on-board graphics card memory	32 GB	AC adapter frequency	50 - 60 Hz
Number of execution units	24	AC adapter input voltage	100 - 240 V
On-board graphics card DirectX version	12.0	AC adapter output current	3.42 A
On-board graphics card OpenGL version	4.5	AC adapter output voltage	19 V
On-board graphics card ID	0x9B41	Security	
Audio		Password protection	✓
Speaker power	1 W	Password protection type	BIOS, User
Built-in microphone	✓	Weight & dimensions	
Camera		Width	319 mm
Front camera	✓	Depth	199 mm
Infrared (IR) camera	✓	Height	16.9 mm

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