

ASUS Zenbook UX305FA-FB186H Intel® Core™ M M-5Y10 Laptop 33,8 cm (13.3") Quad HD+ 8 GB LPDDR3-SDRAM 256 GB SSD Windows 8.1 White



Brand : ASUS

Product family: Zenbook

Product code: 90NB06X2-M05850

Product name : UX305FA-FB186H

13.3" IPS LED, 3200 x 1800, Intel Core M-5Y10, 8 GB LPDDR3, 256 GB SSD, WLAN, MicroHDMI, USB 3.0, Bluetooth 4.0, Windows 8.1

ASUS Zenbook UX305FA-FB186H. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ M, Processor model: M-5Y10, Processor frequency: 0,8 GHz. Display diagonal: 33,8 cm (13.3"), HD type: Quad HD+, Display resolution: 3200 x 1800 pixels. Internal memory: 8 GB, Internal memory type: LPDDR3-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® HD Graphics 5300. Operating system installed: Windows 8.1. Product colour: White

Design		Performance	
Product type *	Laptop	Motherboard chipset	Intel SoC
Product colour *	White	Keyboard	
Form factor *	Clamshell	Pointing device	Touchpad
Display		Numeric keypad *	✗
Display diagonal *	33,8 cm (13.3")	Windows keys	✓
Display resolution *	3200 x 1800 pixels	Software	
Touchscreen *	✗	Operating system architecture	64-bit
HD type	Quad HD+	Operating system installed *	Windows 8.1
Panel type	IPS	Processor special features	
LED backlight	✓	Intel® Wireless Display (Intel® WiDi)	✓
Native aspect ratio	16:9	Intel® Smart Response Technology	✓
Display surface	Matt	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor		Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor manufacturer *	Intel	Intel® Turbo Boost Technology	2.0
Processor family *	Intel® Core™ M	Intel® Small Business Advantage (Intel® SBA)	✓
Processor generation	Intel® Core™ m-5xxx	Enhanced Intel SpeedStep Technology	✓
Processor model *	M-5Y10	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cores	2	Intel® InTru™ 3D Technology	✓
Processor threads	4	Intel® Insider™	✓
Processor boost frequency	2 GHz	Intel® Quick Sync Video Technology	✓
Processor frequency *	0,8 GHz	Intel Flex Memory Access	✓
Processor cache	4 MB	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor lithography	14 nm	Intel Trusted Execution Technology	✗
Processor operating modes	64-bit	Intel VT-x with Extended Page Tables (EPT)	✓
Processor series	Intel Core M-5Y Mobile series	Intel® Secure Key	✓
Processor codename	Broadwell	Intel Stable Image Platform Program (SIPP)	✓
Thermal Design Power (TDP)	4,5 W		
Tjunction	95 °C		
Maximum number of PCI Express lanes	12		
PCI Express slots version	2.0		
PCI Express configurations	1x2, 1x4		
ECC supported by processor	✗		

Memory		Processor special features	
Internal memory *	8 GB	Intel® OS Guard	✓
Internal memory type	LPDDR3-SDRAM	Intel 64	✓
Memory clock speed	1600 MHz	Execute Disable Bit	✓
Maximum internal memory *	8 GB	Idle States	✓
Storage		Thermal Monitoring Technologies	✓
Total storage capacity *	256 GB	Processor package size	30 x 16.5 mm
Storage media *	SSD	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Number of SSDs installed	1	CPU configuration (max)	1
SSD capacity	256 GB	Embedded options available	✗
SSD interface	SATA III	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Optical drive type *	✗	Intel Virtualization Technology (VT-x)	✓
Card reader integrated	✓	Intel FDI Technology	✓
Compatible memory cards	SD, SDXC	Intel Fast Memory Access	✓
Graphics		Processor ARK ID	83610
Discrete graphics card model *	Not available	Conflict-Free processor	✓
On-board graphics card *	✓	Battery	
Discrete graphics card *	✗	Battery technology	Lithium Polymer (LiPo)
On-board graphics card family	Intel® HD Graphics	Number of battery cells	3
On-board graphics card model *	Intel® HD Graphics 5300	Battery capacity *	45 Wh
On-board graphics card base frequency	100 MHz	Power	
On-board graphics card dynamic frequency (max)	800 MHz	AC adapter frequency	50 - 60 Hz
Maximum on-board graphics card memory	16 GB	AC adapter input voltage	100 - 240 V
On-board graphics card DirectX version	11.2/12	AC adapter output voltage	19 V
On-board graphics card OpenGL version	4.3	DC-in jack	✓
Audio		Security	
Audio system	SonicMaster	Cable lock slot	✗
Speakers manufacturer	Bang & Olufsen	Password protection	✓
Built-in microphone	✓	Password protection type	BIOS, HDD, User
Camera		Certificates	
Front camera	✓	Compliance certificates	RoHS
Network		Certification	UL, TUV, CE Marking Compliance, FCC Compliance, CCC, EU Flower, Energy star, WEEE, RoHS
Wi-Fi	✓	Sustainability	
Wi-Fi standards	802.11a, 802.11g, Wi-Fi 4 (802.11n)	Sustainability certificates	ENERGY STAR
Ethernet LAN	✗	Weight & dimensions	
Bluetooth	✓	Width	324 mm
Bluetooth version	4.0	Depth	226 mm
Ports & interfaces		Height	12 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Weight *	1,2 kg
DVI port	✗	Other features	
Micro HDMI ports quantity	1	LightScribe	✗
S/PDIF out port	✗	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
Microphone in	✗	Intel segment tagging	Enterprise
Combo headphone/mic port	✓		
Docking connector	✗		
ExpressCard slot	✗		
CardBus PCMCIA slot type	✗		
SmartCard slot	✗		

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