/ISUS

ASUS Vivobook Pro 16X M7601RM-K8092X AMD Ryzen™ 9 6900HX Laptop 40.6 cm (16") WQXGA 16 GB LPDDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 3060 Wi-Fi 6E (802.11ax) Windows 11 Pro Black

Brand : ASUS

Product family: Vivobook

Product code: 90NB0YY2-M00480

Product name : M7601RM-K8092X

- Windows 11 Pro besturingssysteem
- AMD Ryzen™ 9 6900HX Mobile Processor (8-core/16-thread, 16MB cache, tot 4.9 GHz max boost)
- NVIDIA® GeForce® RTX™ 3060 Laptop GPU 6GB GDDR6
- 16GB DDR5 geheugen
- 1TB M.2 NVMe™ PCIe® 3.0 SSD opslag
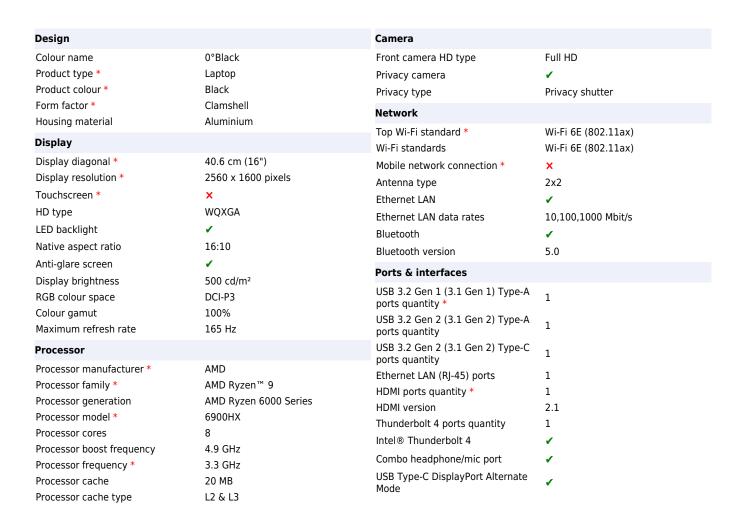- 16.0" WQXGA (2560 x 1600) 16:10 500nits 165Hz scherm
- PANTONE® Validated
- FingerPrint-sensor
- 1080 FHD camera met privacy shutter

16.0" WQXGA (2560 x 1600), AMD Ryzen 9 6900HX, NVIDIA GeForce RTX 3060, 16GB DDR5, Windows 11 Pro
ASUS Vivobook Pro 16X M7601RM-K8092X. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 9, Processor model: 6900HX, Processor frequency: 3.3 GHz. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon Graphics. Operating system installed: Windows 11 Pro. Product colour: Black

Design

Colour name	0°Black
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Housing material	Aluminium

Display

Display diagonal *	40.6 cm (16")
Display resolution *	2560 x 1600 pixels
Touchscreen *	✗
HD type	WQXGA
LED backlight	✔
Native aspect ratio	16:10
Anti-glare screen	✔
Display brightness	500 cd/m²
RGB colour space	DCI-P3
Colour gamut	100%
Maximum refresh rate	165 Hz

Processor

Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 9
Processor generation	AMD Ryzen 6000 Series
Processor model *	6900HX
Processor cores	8
Processor boost frequency	4.9 GHz
Processor frequency *	3.3 GHz
Processor cache	20 MB
Processor cache type	L2 & L3

Camera

Front camera HD type	Full HD
Privacy camera	✔
Privacy type	Privacy shutter

Network

Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✗
Antenna type	2x2
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	5.0

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Thunderbolt 4 ports quantity	1
Intel® Thunderbolt 4	✔
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Memory

Internal memory *	16 GB
Internal memory type	LPDDR5-SDRAM
Memory form factor	SO-DIMM

Storage

Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash)

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 3060
Discrete graphics card memory	6 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔
On-board GPU manufacturer	AMD
Discrete graphics card *	✔
On-board graphics card model *	AMD Radeon Graphics

Audio

Audio system	Smart Amp
Speakers manufacturer	Harman Kardon
Built-in microphone	✔

Camera

Front camera	✔

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔
Keyboard layout	QWERTY

Software

Operating system architecture	64-bit
Operating system installed *	Windows 11 Pro

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	90 Wh

Power

AC adapter power	240 W
AC adapter frequency	50/60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	12 A
AC adapter output voltage	20 V
DC-in jack	✔
USB Power Delivery (USB PD)	✔

Security

Fingerprint reader	✔
Trusted Platform Module (TPM)	✔
Password protection	✔
Password protection type	BIOS, User

Weight & dimensions

Width	355.4 mm
Depth	248.5 mm
Height (front)	1.99 cm
Height (rear)	2.19 cm
Weight *	2.3 kg

4711081952992