



ASUS VivoBook Pro 16 K6602ZC-N1107W Intel® Core™ i7 i7-12650H Laptop 40.6 cm (16") WUXGA 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6E (802.11ax) Windows 11 Home Silver

Brand : ASUS

Product family: VivoBook

Product code: 90NB0Z52-
M005A0

Product name : K6602ZC-
N1107W



- Windows 11 Home 64-bit
- Intel Core i7-12650H (24MB Cache)
- 40.6 cm (16") WUXGA 1920 x 1200 IPS, NVIDIA GeForce RTX 3050 (4GB GDDR6)
- 16GB (2300MHz) DDR4-SDRAM & 512GB SSD
Intel Core i7-12650H (24MB Cache), 16GB DDR4-SDRAM, 512GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 3050 (4GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit
ASUS VivoBook Pro 16 K6602ZC-N1107W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-12650H. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 3050. Operating system installed: Windows 11 Home. Product colour: Silver



Design		Audio	
Colour name	Cool Silver	Built-in microphone	✓
Product type *	Laptop	Camera	
Product colour *	Silver	Front camera	✓
Form factor *	Clamshell	Front camera HD type	Full HD
Housing material	Aluminium	Privacy camera	✓
Display		Privacy type	Privacy shutter
Display diagonal *	40.6 cm (16")	Network	
Display resolution *	1920 x 1200 pixels	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 6E (802.11ax)
HD type	WUXGA	Mobile network connection *	✗
Panel type	IPS	Antenna type	2x2
LED backlight	✓	Ethernet LAN	✓
Native aspect ratio	16:10	Ethernet LAN data rates	10,1000,100 Mbit/s
Anti-glare screen	✓	Bluetooth	✓
Display brightness	300 cd/m ²	Ports & interfaces	
RGB colour space	sRGB	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Colour gamut	100%	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Maximum refresh rate	120 Hz	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	2.1
Processor family *	Intel® Core™ i7	Thunderbolt 4 ports quantity	1
Processor generation	12th gen Intel® Core™ i7	Intel® Thunderbolt 4	✓
Processor model *	i7-12650H	Combo headphone/mic port	✓
Processor cores	10	Charging port type	DC-in jack
Processor boost frequency	4.7 GHz	USB Type-C DisplayPort Alternate Mode	✓
Performance cores	6		
Efficient cores	4		

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	4.7 GHz	USB Power Delivery	✓
Efficient-core Max Turbo Frequency	3.5 GHz	Keyboard	
Processor cache	24 MB	Pointing device	Touchpad
Processor cache type	Smart Cache	Keyboard layout	AZERTY
Configurable TDP-down	35 W	Numeric keypad *	✓
Processor base power	45 W	Keyboard backlit	✓
Maximum turbo power	115 W	Software	
Memory		Operating system architecture	64-bit
Internal memory *	16 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR4-SDRAM	Processor special features	
Memory clock speed	2300 MHz	Intel Flex Memory Access	✓
Memory form factor	On-board	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum internal memory *	16 GB	Execute Disable Bit	✓
Storage		CPU configuration (max)	1
Total storage capacity *	512 GB	Embedded options available	✗
Storage media *	SSD	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Total SSDs capacity	512 GB	Intel Virtualization Technology (VT-x)	✓
Number of SSDs installed	1	Battery	
SSD capacity	512 GB	Battery technology	Lithium-Ion (Li-Ion)
SSD interface	PCI Express 4.0	Number of battery cells	3
NVMe	✓	Battery capacity *	70 Wh
SSD form factor	M.2	Power	
Optical drive type *	✗	AC adapter power	150 W
Card reader integrated	✓	AC adapter frequency	50 - 60 Hz
Compatible memory cards	MicroSD (TransFlash)	AC adapter input voltage	100 - 240 V
Graphics		AC adapter output current	7.5 A
Discrete GPU manufacturer	NVIDIA	AC adapter output voltage	20 V
Discrete graphics card model *	NVIDIA GeForce RTX 3050	Security	
Discrete graphics card memory	4 GB	Fingerprint reader	✓
Discrete graphics memory type	GDDR6	Trusted Platform Module (TPM)	✓
On-board graphics card *	✓	Password protection	✓
On-board GPU manufacturer	Intel	Password protection type	BIOS, User
Discrete graphics card *	✓	Weight & dimensions	
On-board graphics card family	Intel® UHD Graphics	Width	355.3 mm
On-board graphics card model *	Intel® UHD Graphics	Depth	252 mm
Audio		Height (front)	1.99 cm
Audio system	Smart Amp	Height (rear)	2 cm
Speakers manufacturer	Harman Kardon	Weight *	1.9 kg



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