

ASUS Vivobook Pro N552VX-FW131T Intel® Core™ i7 i7-6700HQ
Computer portatile 39,6 cm (15.6") Full HD 8 GB DDR4-SDRAM 1
TB HDD NVIDIA® GeForce® GTX 950M Wi-Fi 5 (802.11ac) Windows
10 Home Grigio, Argento



Marchio : ASUS

Famiglia del prodotto:
Vivobook

Codice prodotto: 90NB09P1-
M01360

Nome del prodotto : N552VX-
FW131T

ASUS Vivobook Pro N552VX-FW131T. Tipo di prodotto: Computer portatile, Fattore di forma: Clamshell. Famiglia processore: Intel® Core™ i7, Modello del processore: i7-6700HQ, Frequenza del processore: 2,6 GHz. Dimensioni diagonale schermo: 39,6 cm (15.6"), Tipologia HD: Full HD, Risoluzione del display: 1920 x 1080 Pixel. RAM installata: 8 GB, Tipo di RAM: DDR4-SDRAM. Capacità totale di archiviazione: 1 TB, Supporto di memoria: HDD, Tipo drive ottico: DVD Super Multi DL. Sistema operativo incluso: Windows 10 Home. Colore del prodotto: Grigio, Argento

Design		Software	
Product type *	Laptop	Operating system installed *	Windows 10 Home
Product colour *	Grey, Silver	Processor special features	
Form factor *	Clamshell	Intel® Wireless Display (Intel® WiDi)	✓
Display		Intel® My WiFi Technology (Intel® MWT)	✓
Display diagonal *	39.6 cm (15.6")	Intel Smart Connect Technology	✗
Display resolution *	1920 x 1080 pixels	Intel® Anti-Theft Technology (Intel® AT)	✗
Touchscreen *	✗	Intel® Rapid Start Technology	✗
HD type	Full HD	Intel® Smart Response Technology	✓
LED backlight	✓	Intel® Identity Protection Technology (Intel® IPT)	✓
Native aspect ratio	16:9	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor		Intel® Turbo Boost Technology	2.0
Processor manufacturer *	Intel	Intel® Small Business Advantage (Intel® SBA)	✓
Processor family *	Intel® Core™ i7	Intel® Matrix Storage Technology (Intel® MST)	✗
Processor generation	6th gen Intel® Core™ i7	Intel® High Definition Audio (Intel® HD Audio)	✗
Processor model *	i7-6700HQ	Intel® Active Management Technology (Intel® AMT)	✗
Processor cores	4	Enhanced Intel SpeedStep Technology	✓
Processor threads	8	Intel HD Graphics	✓
Processor boost frequency	3.5 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor frequency *	2.6 GHz	Intel Clear Video Technology	✓
System bus rate	8 GT/s	Intel® InTru™ 3D Technology	✓
Processor cache	6 MB	Intel® Insider™	✓
Processor cache type	Smart Cache	Intel® Quick Sync Video Technology	✓
Processor socket	BGA 1440	Intel Flex Memory Access	✓
Processor lithography	14 nm	Intel® Smart Cache	✓
Processor operating modes	64-bit		
Processor series	Intel Core i7-6700 Mobile series		
Processor codename	Skylake		
Bus type	DMI3		
FSB Parity	✗		
Stepping	R0		
Thermal Design Power (TDP)	45 W		
Configurable TDP-down	35 W		
Tjunction	100 °C		

Processor		Processor special features	
Maximum number of PCI Express lanes	16	Intel® AES New Instructions (Intel® AES-NI)	✓
PCI Express slots version	3.0	Intel Trusted Execution Technology	✗
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel Enhanced Halt State	✓
ECC supported by processor	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel Demand Based Switching	✗
Internal memory *	8 GB	Intel® Secure Key	✓
Internal memory type	DDR4-SDRAM	Intel TSX-NI	✗
Memory clock speed	2133 MHz	Intel Stable Image Platform Program (SIPP)	✗
Memory form factor	SO-DIMM	Intel® OS Guard	✓
Memory layout (slots x size)	1 x 8 GB	Intel Software Guard Extensions (Intel SGX)	✓
Memory slots	2x SO-DIMM	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Maximum internal memory *	16 GB	Intel 64	✓
Storage		Execute Disable Bit	✓
Total storage capacity *	1 TB	Idle States	✓
Storage media *	HDD	Thermal Monitoring Technologies	✓
Number of HDDs installed	1	Processor package size	42 x 28 mm
HDD capacity	1 TB	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
HDD interface	SATA III	Processor code	SR2FQ
HDD speed	5400 RPM	CPU configuration (max)	1
HDD size	2.5"	Embedded options available	✗
Optical drive type *	DVD Super Multi DL	Graphics & IMC lithography	14 nm
Card reader integrated	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Identity Protection Technology version	1.00
Graphics		Intel Smart Response Technology version	1.00
Discrete graphics card model *	NVIDIA® GeForce® GTX 950M	Intel Stable Image Platform Program (SIPP) version	0.00
Discrete graphics card memory	4 GB	Intel Secure Key Technology version	1.00
Discrete graphics memory type	GDDR3	Intel Small Business Advantage (SBA) version	1.00
On-board graphics card *	✓	Intel TSX-NI version	1.00
Discrete graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
On-board graphics card family	Intel® HD Graphics	Intel Dual Display Capable Technology	✗
On-board graphics card model *	Intel® HD Graphics 530	Intel FDI Technology	✗
On-board graphics card base frequency	350 MHz	Intel Rapid Storage Technology	✗
On-board graphics card dynamic frequency (max)	1050 MHz	Intel Fast Memory Access	✗
Maximum on-board graphics card memory	1.7 GB	Processor ARK ID	88967
On-board graphics card DirectX version	12.0	Conflict-Free processor	✓
On-board graphics card OpenGL version	4.4	Battery	
On-board graphics card ID	0x191B	Number of battery cells	4
Number of discrete graphics cards supported	1	Battery capacity	3200 mAh
Number of discrete graphics cards installed	1	Power	
Graphics card Open GL support	✓	AC adapter power	120 W
Audio		AC adapter frequency	50 - 60 Hz
Audio system	SonicMaster	AC adapter input voltage	100 - 240 V
Number of built-in speakers	2	AC adapter output voltage	19 V
Speakers manufacturer	Bang & Olufsen	DC-in jack	✓
Built-in microphone	✓	Security	
Camera		Cable lock slot	✓
Front camera	✓	Cable lock slot type	Kensington
Network			
Wi-Fi	✓		
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)		

Network		Security	
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Password protection	✓
Ethernet LAN	✓	Password protection type	BIOS, HDD, User
Ethernet LAN data rates	10,100,1000 Mbit/s	Certificates	
Bluetooth	✓	Compliance certificates	RoHS
Bluetooth version	4.0	Certification	UL, TUV, MIC, CE, BSMI, Australia C-TICK / NZ A-Tick, CCC, GOST-R, CB, EPEAT, EU Flower, CECP, WEEE, Erp 2013, JATE
Ports & interfaces		Sustainability	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Sustainability certificates	ENERGY STAR
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	Weight & dimensions	
Ethernet LAN (RJ-45) ports	1	Width	383 mm
HDMI ports quantity *	1	Depth	260 mm
Mini DisplayPorts quantity	1	Height	29.9 mm
DVI port	✗	Weight *	2.53 kg
Combo headphone/mic port	✓	Packaging content	
Docking connector	✗	AC adapter included *	✓
Performance		Power cord included	✓
Motherboard chipset	Intel® HM170	Other features	
Keyboard		Maximum internal memory (64-bit)	16 GB
Pointing device	Touchpad		
Numeric keypad *	✓		
Island-style keyboard	✓		
Full-size keyboard	✓		
Windows keys	✓		
Software			
Operating system architecture	64-bit		
Windows 11 free upgrade	✓		



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