

## ASUSPRO PU551JA-XO058G Intel® Core™ i3 i3-4000M Laptop 39,6 cm (15.6") 4 GB DDR3L-SDRAM 500 GB HDD Wi-Fi 5 (802.11ac) Windows 7 Professional Black

**Brand :** ASUS

**Product family:** ASUSPRO

**Article code:** 90NB07B1-M00740

**Product name :** PU551JA-XO058G

ASUSPRO PU551JA-XO058G. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor model: i3-4000M, Processor frequency: 2,4 GHz. Display diagonal: 39,6 cm (15.6"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD Super Multi. On-board graphics card model: Intel® HD Graphics 4600. Operating system installed: Windows 7 Professional. Product color: Black



Design		Software	
Product type *	Laptop	Operating system architecture	64-bit
Product colour *	Black	Recovery operating system	Windows 8.1 Pro
Form factor *	Clamshell	Operating system installed *	Windows 7 Professional
Market positioning	Business	<b>Processor special features</b>	
Display		Intel® Wireless Display (Intel® WiDi)	✓
Display diagonal *	39.6 cm (15.6")	Intel® My WiFi Technology (Intel® MWT)	✗
Display resolution *	1366 x 768 pixels	Intel® Anti-Theft Technology (Intel® AT)	✓
LED backlight	✓	Intel® Identity Protection Technology (Intel® IPT)	✓
Native aspect ratio	16:9	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Display surface	Matt	Intel® Turbo Boost Technology	✗
Processor		Enhanced Intel SpeedStep Technology	✓
Processor manufacturer *	Intel	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Processor family *	Intel® Core™ i3	Intel Clear Video Technology	✗
Processor generation	4th gen Intel® Core™ i3	Intel® InTru™ 3D Technology	✓
Processor model *	i3-4000M	Intel® Insider™	✓
Processor cores	2	Intel® Quick Sync Video Technology	✓
Processor threads	4	Intel Flex Memory Access	✗
Processor frequency *	2.4 GHz	Intel® Smart Cache	✓
System bus rate	5 GT/s	Intel® AES New Instructions (Intel® AES-NI)	✗
Processor cache	3 MB	Intel Trusted Execution Technology	✗
Processor cache type	Smart Cache	Intel Enhanced Halt State	✗
Processor socket	PGA946		
Processor lithography	22 nm		
Processor operating modes	64-bit		
Processor series	Intel® Core™ i3-4000 Mobile Series		
Processor codename	Haswell		
Bus type	DMI		
FSB Parity	✗		

Processor		Processor special features	
Stepping	C0	Intel VT-x with Extended Page Tables (EPT)	✓
Thermal Design Power (TDP)	37 W	Intel Demand Based Switching	✗
Tjunction	100 °C	Intel® Secure Key	✓
Maximum number of PCI Express lanes	16	Intel TSX-NI	✗
PCI Express slots version	2.0	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel 64	✓
ECC supported by processor	✗	Execute Disable Bit	✓
Memory		Idle States	✓
Internal memory *	4 GB	Thermal Monitoring Technologies	✓
Internal memory type	DDR3L-SDRAM	Processor package size	37.5 x 37.5 x 4.7 mm
Memory clock speed	1600 MHz	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Memory slots	2x SO-DIMM	Processor code	SR1HC
Maximum internal memory *	16 GB	CPU configuration (max)	1
Storage		Embedded options available	✗
Total storage capacity *	500 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Storage media *	HDD	Intel Identity Protection Technology version	1.00
Number of HDDs installed	1	Intel Secure Key Technology version	1.00
HDD capacity	500 GB	Intel TSX-NI version	0.00
HDD interface	SATA	Intel Virtualization Technology (VT-x)	✓
HDD size	2.5"	Intel Dual Display Capable Technology	✗
Optical drive type *	DVD Super Multi	Intel FDI Technology	✗
Card reader integrated	✓	Intel Rapid Storage Technology	✗
Compatible memory cards	Memory Stick (MS), MMC, SD, SDHC	Intel Fast Memory Access	✗
Graphics		Processor ARK ID	75104
Discrete graphics card model *	Not available	Conflict-Free processor	✓
On-board graphics card *	✓	Battery	
Discrete graphics card *	✗	Number of battery cells	9
On-board graphics card family	Intel® HD Graphics	Battery capacity	7430 mAh
On-board graphics card model *	Intel® HD Graphics 4600	Battery capacity *	87 Wh
On-board graphics card base frequency	400 MHz	Power	
On-board graphics card dynamic frequency (max)	1100 MHz	AC adapter power	65 W
Maximum on-board graphics card memory	2 GB	AC adapter frequency	50 - 60 Hz
On-board graphics card DirectX version	11.1	AC adapter input voltage	100 - 240 V
On-board graphics card ID	0x416	AC adapter output current	4.5 A
Audio		AC adapter output voltage	19 V
Audio system	SonicMaster	Security	
Built-in microphone	✓	Cable lock slot	✓
Camera		Cable lock slot type	Kensington
Front camera	✓	Fingerprint reader	✓
Front camera resolution (numeric)	1 MP	Trusted Platform Module (TPM)	✓
Network		Password protection	✓
Wi-Fi	✓	Password protection type	BIOS, HDD, User
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Certificates	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Compliance certificates	RoHS
Ethernet LAN	✓	Certification	UL, CE Marking Compliance, FCC Compliance, BSMI, Australia C-TICK / NZ A-Tick Compliance, CCC, GOST-R, CB, EPEAT, EU Flower, Energy star, IDA, CECP, WEEE, Erp 2013, TCO4.0, RoHS
Bluetooth	✓		
Bluetooth version	4.0	Sustainability	
Ports & interfaces		Sustainability certificates	ENERGY STAR
USB 2.0 ports quantity *	2		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2		

Ports & interfaces		Weight & dimensions	
Ethernet LAN (RJ-45) ports	1	Width	380 mm
HDMI ports quantity *	1	Depth	256 mm
DVI port	✗	Height (front)	3.42 cm
S/PDIF out port	✗	Height (rear)	3.6 cm
Microphone in	✗	Weight *	2.4 kg
Combo headphone/mic port	✓	Packaging content	
Docking connector	✗	AC adapter included *	✓
Charging port type	DC-in jack	Other features	
ExpressCard slot	✗	Intel® Virtualization Technology (Intel® VT)	VT-x
CardBus PCMCIA slot type	✗	Intel segment tagging	Small Business
SmartCard slot	✗		
Performance			
Motherboard chipset	Intel® HM87		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✓		
Full-size keyboard	✓		
Windows keys	✓		



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