

## ASUS VivoBook Pro 15 N580GD

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**Processor** Intel® Core™ i7 8750H Processor,  
Intel® Core™ i5 8300H Processor,

**Operating System** Windows 10 Home - ASUS recommends Windows 10 Pro for business.  
Windows 10 Pro - ASUS recommends Windows 10 Pro for business.

**Chipset** Intel® HM370 Express Chipset

**Memory** 2 x SO-DIMM socket , total up to 16 GB SDRAM(Optional)

**Display** 15.6" (16:9) FHD (1920x1080) 60Hz Anti-Glare Panel 45% NTSC (Optional)  
15.6" (16:9) UHD (3840x2160) 60Hz Anti-Glare Panel 72% NTSC (Optional) with wide 178° viewing angles  
15.6" (16:9) FHD (1920x1080) 60Hz Anti-Glare Panel 45% NTSC (Optional) with wide 178° viewing angles

**Graphic** NVIDIA® GeForce® GTX 1050 , with 2GB GDDR5 VRAM  
NVIDIA® GeForce® GTX 1050 , with 4GB GDDR5 VRAM

**Storage****Hard drive:**  
500GB 5400 rpm SATA HDD  
1TB 5400 rpm SATA HDD  
2TB 5400 rpm SATA HDD

**Solid state drive:**  
128GB SATA 3.0 SSD

**Solid state drive:**  
256GB SATA 3.0 SSD

**Solid state drive:**

512GB SATA 3.0 SSD

**Keyboard** Illuminated chiclet keyboard

**Card Reader** Multi-format card reader

**WebCam** HD Webcam

**Networking** **Wi-Fi**

Integrated Wi-Fi 5 (802.11 ac (2x2))

**Bluetooth**

Bluetooth® 4.2

**Interface** 1 x Microphone-in/Headphone-out jack

1 x Type-A USB 3.0 (USB 3.1 Gen 1)

1 x Type-C USB 3.0 (USB 3.1 Gen 1) with display support

2 x USB 2.0 port(s)

1 x RJ45 LAN jack for LAN insert

1 x HDMI

1 x micro SDXC card reader

1 x Fingerprint reader (Optional)

**Audio**

ASUS SonicMaster Technology

Harman Kardon

**Battery** 3-Cell 47 Wh Polymer Battery

**Power Adapter** Plug type :ø5.5 (mm)

Output :

19 V DC, 6.3 A, 120 W

Input :

100 -240 V AC, 50/60 Hz universal

**Dimensions** NB:

14.96 x 10.08 x 0.76 ~0.81 inch (WxDxH) (w/ 3-Cell Battery)

## Weight<sup>NB:</sup>

1.99 kg Non-touch

2.29 kg Touch

## Security

Kensington lock

## Certificates

UL, FCC Compliance, BSMI, CCC, CB, Energy Star

## Manufacturer Warranty

1-year International warranty. \*different by country



- Products certified by the Federal Communications Commission and Industry Canada will be distributed in the United States and Canada. Please visit the ASUS USA and ASUS Canada websites for information about locally available products.
- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
- Specifications and features vary by model, and all images are illustrative. Please refer to specification pages for full details.
- PCB color and bundled software versions are subject to change without notice.
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Unless otherwise stated, all performance claims are based on theoretical performance. Actual figures may vary in real-world situations.

The actual transfer speed of USB 3.0, 3.1, 3.2, and/or Type-C will vary depending on many factors including the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment.

Ultrabook, Celeron, Celeron Inside, Core Inside, Intel, Intel Logo, Intel Atom, Intel Atom Inside, Intel Core, Intel Inside, Intel Inside Logo, Intel vPro, Itanium, Itanium Inside, Pentium, Pentium Inside, vPro Inside, Xeon, Xeon Phi, Xeon Inside, and Intel Optane are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

Hinge test: Tested up to 10,000 flipping cycles, each cycle is tested from 5° to 140° to 5° to 350°, then back to 5°, each flipping cycle contains 2 open and close swings, resulting a total 20,000 cycle open and close test.

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