




15.6" *Wide* NB50TJ1



Best-selling models powered by the latest computing technology.

With its 8th generation Intel® Core™ platform, the new 15.6" laptop delivers more mobile performance than ever before. Microsoft® Hybrid Graphics makes this performance immediately available without interruption.

NB50TJ1 Specification

Processor	<ul style="list-style-type: none"> • Intel® Core™ i7-8700 processor (14nm, 3.2GHZ, DDR4-2666MHz, 12MB Smart Cache, TDP:65W) • Intel® Core™ i5-8400 processor (14nm, 2.8GHZ, DDR4-2666MHz, 9MB Smart Cache, TDP:65W) • Intel® Core™ i3-8100 processor (14nm, 3.6GHZ, DDR4-2400MHz, 6MB Smart Cache, TDP:65W) • Intel® Pentium™ Gold G5400 processor (14nm, 3.7GHZ, DDR4-2400MHz, 4MB Smart Cache, TDP:54W/58W) • Intel® Celeron™ G4920 processor (14nm, 3.2GHZ, DDR4-2400MHz, 2MB Smart Cache, TDP:54W)
Core Logic	• Intel® H370 Chipset
Display	• 15.6" (39.62cm) FHD (1920x1080) 16:9 panel, 3.2mm
Memory	<ul style="list-style-type: none"> • Dual channel DDR4 • Two 260 pins SODIMM sockets, support DDR4 2666/2400 MHz (Real operation frequency depends on processor) • Expandable memory up to 32GB, depends on 4GB/8GB/16GB SODIMM module
Video Controller	<ul style="list-style-type: none"> • Intel® UHD Graphics 630 (i7-8700, i5-8400, i3-8100 integrated) <ul style="list-style-type: none"> - Dynamic frequency - Intel Dynamic Video Memory Technology - Microsoft DirectX® 12 compatible
	<ul style="list-style-type: none"> • Intel® UHD Graphics 610 (G5400, G4920 integrated) <ul style="list-style-type: none"> - Dynamic Frequency - Intel Dynamic Video Memory Technology - Microsoft DirectX® 12 compatible
	<ul style="list-style-type: none"> • NVIDIA® GeForce GTX 1050 (N17P-G0) <ul style="list-style-type: none"> - 4GB GDDR5 Video RAM - Support PCIe x8 - Microsoft DirectX® 12 compatible - GeForce CUDA™ Technology - Battery Boost Technology
	• Microsoft Hybrid Graphics mode
Storage	<ul style="list-style-type: none"> • One changeable 2.5" 9.5 mm(H) / 7mm(H) HDD / SSD, SATA interface • (Factory Option) One M.2 2280 SSD, SATA interface or Two M.2 2280 SSD, PCIe Gen3x4 interface (RAID 0/1)
Audio	<ul style="list-style-type: none"> • High Definition Audio • Built in array microphone • Built in two speakers • Sound Blaster™ Cinema 5
Keyboard and Pointing Device	<ul style="list-style-type: none"> • Multi languages white-LED illuminated full size keyboard with numeric pad • (Factory Option) Multi languages full color illuminated full size keyboard with numeric pad • Built in touch pad with Microsoft PTP multi-gesture and scrolling function
I/O ports	<ul style="list-style-type: none"> • 1 x USB 2.0 port • 2 x USB 3.1 Gen 2 ports (Type A) • 1 x USB 3.1 Gen 2 port (Type C) • 1 x Mini Display 1.3 port • 1 x HDMI™ output port (with HDCP) • 1 x Headphone jack • 1 x Microphone jack • 1 x RJ-45 LAN port • 1 x DC-in jack 
Card Reader	<ul style="list-style-type: none"> • 6-in-1 Push-Push Card reader <ul style="list-style-type: none"> - MMC / RSMHC - SD / mini SD / SDHC / SDXC
Slot	<ul style="list-style-type: none"> • Three M.2 card slots <ul style="list-style-type: none"> -1st for WLAN Combo M.2 2230 Card with PCIe / USB / CNVi interface (E key) -2nd for SSD M.2 2280 Card with SATA / PCIe Gen3 x4 interface (M key) -3rd for SSD M.2 2280 Card with PCIe Gen3 x4 interface (M key)
Communication	<ul style="list-style-type: none"> • Built-in 10/100/1000Mb Base-TX Ethernet LAN • (Factory Option) Intel® Dual Band Wireless-AC 9260, 2x2 AC + BT M.2 2230 (Thunder Peak 2) • (Factory Option) Intel® Dual Band Wireless-AC 9560, 2x2 AC + BT M.2 2230 (Jefferson Peak 2) • (Factory Option) Intel® Dual Band Wireless-AC 9462, 1x1 AC + BT M.2 2230 (Thunder Peak 1) • 1.0M HD video camera
Power Supply	<ul style="list-style-type: none"> • Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19V, 7.89A, 150W • Removable 6 cells Smart Lithium-Ion battery pack, 47WH • Battery life : 460 minutes (UMA mode with 47WH battery)
Security	<ul style="list-style-type: none"> • Security (Kensington® Type) Lock Slot • Intel® PTT for system without Hardware TPM
Others Design	<ul style="list-style-type: none"> • Shipping Mode • FlexiCharger • Microsoft Cortana with Voice Technology • Intel® Optane™ Technology (For Intel core processor family) • Windows Mixed Reality Compatible
OS Support	• Windows®10 RS3 (64-bit)
Certificate	<ul style="list-style-type: none"> • Windows®10 RS3 (64-bit) Logo • HDMI™ Logo
Dimension	• 378(W) x 250(D) x 29.8 (H) mm
Weight	• 2.3 kg,Including Barebone and 47WH Battery

2018/03 Version

Remark:

*Battery life may vary depending on applications and configuration.

*Weight tolerance is +/- 5%.

*The content is subject to change without notices. Other brand and product names are trademarks and/or register trademarks of their respective companies.