



# 15.6" Wide


## NB55TK1



**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.

# NB55TK1 Specification

<b>Processor</b>	<ul style="list-style-type: none"> <li>•Intel® Core™ i7-8700 processor (14nm, 3.2GHZ, DDR4-2666MHz, 12MB Smart Cache, TDP:65W)</li> <li>•Intel® Core™ i5-8400 processor (14nm, 2.8GHZ, DDR4-2666MHz, 9MB Smart Cache, TDP:65W)</li> <li>•Intel® Core™ i3-8100 processor (14nm, 3.6GHZ, DDR4-2400MHz, 6MB Smart Cache, TDP:65W)</li> <li>•Intel® Pentium™ Gold G5400 processor (14nm, 3.7GHZ, DDR4-2400MHz, 4MB Smart Cache, TDP:54W/58W)</li> <li>•Intel® Celeron™ G4920 processor (14nm, 3.2GHZ, DDR4-2400MHz, 2MB Smart Cache, TDP:54W)</li> </ul>
<b>Core Logic</b>	•Intel® H370 Chipset
<b>Display</b>	•15.6" (39.62cm) FHD (1920x1080) 16:9 panel, 3.2mm
<b>Memory</b>	<ul style="list-style-type: none"> <li>•Dual channel DDR4</li> <li>•Two 260 pins SODIMM sockets, support DDR4 2666/2400 MHz (Real operation frequency depends on processor)</li> <li>•Expandable memory up to 32GB, depends on 4GB/8GB/16GB SODIMM module</li> </ul>
<b>Video Controller</b>	<ul style="list-style-type: none"> <li>•Intel® UHD Graphics 630 (i7-8700, i5-8400, i3-8100 integrated) <ul style="list-style-type: none"> <li>- Dynamic frequency</li> <li>- Intel Dynamic Video Memory Technology</li> <li>- Microsoft DirectX® 12 compatible</li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>•Intel® UHD Graphics 610 (G5400, G4920 integrated) <ul style="list-style-type: none"> <li>- Dynamic Frequency</li> <li>- Intel Dynamic Video Memory Technology</li> <li>- Microsoft DirectX® 12 compatible</li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>•NVIDIA® GeForce GTX 1050 Ti (N17P-G1) <ul style="list-style-type: none"> <li>- 4GB GDDR5 Video RAM</li> <li>- Support PCIe x8</li> <li>- Microsoft DirectX® 12 compatible</li> <li>- GeForce CUDA™ Technology</li> <li>- Battery Boost Technology</li> </ul> </li> </ul>
	•Microsoft Hybrid Graphics mode
<b>Storage</b>	<ul style="list-style-type: none"> <li>•One changeable 2.5" 9.5 mm(H) / 7mm(H) HDD / SSD, SATA interface</li> <li>•(Factory Option) One M.2 2280 SSD, SATA interface or Two M.2 2280 SSD, PCIe Gen3x4 interface (RAID 0/1)</li> </ul>
<b>Audio</b>	<ul style="list-style-type: none"> <li>•High Definition Audio</li> <li>•Built in array microphone</li> <li>•Built in two speakers</li> <li>•Sound Blaster™ Cinema 5</li> </ul>
<b>Keyboard and Pointing Device</b>	<ul style="list-style-type: none"> <li>•Multi languages white-LED illuminated full size keyboard with numeric pad</li> <li>•(Factory Option) Multi languages full color illuminated full size keyboard with numeric pad</li> <li>•Built in touch pad with Microsoft PTP multi-gesture and scrolling function</li> </ul>
<b>I/O ports</b>	<ul style="list-style-type: none"> <li>•1 x USB 2.0 port</li> <li>•2 x USB 3.1 Gen 2 ports (Type A)</li> <li>•1 x USB 3.1 Gen 2 port (Type C)</li> <li>•1 x Mini Display 1.3 port</li> <li>•1 x HDMI™ output port (with HDCP)</li> <li>•1 x Headphone jack</li> <li>•1 x Microphone jack</li> <li>•1 x RJ-45 LAN port</li> <li>•1 x DC-in jack</li> </ul> 
<b>Card Reader</b>	<ul style="list-style-type: none"> <li>•6-in-1 Push-Push Card reader <ul style="list-style-type: none"> <li>- MMC / RSMHC</li> <li>- SD / mini SD / SDHC / SDXC</li> </ul> </li> </ul>
<b>Slot</b>	<ul style="list-style-type: none"> <li>•Three M.2 card slots <ul style="list-style-type: none"> <li>-1st for WLAN Combo M.2 2230 Card with PCIe / USB / CNVi interface (E key)</li> <li>-2nd for SSD M.2 2280 Card with SATA / PCIe Gen3 x4 interface (M key)</li> <li>-3rd for SSD M.2 2280 Card with PCIe Gen3 x4 interface (M key)</li> </ul> </li> </ul>
<b>Communication</b>	<ul style="list-style-type: none"> <li>•Built-in 10/100/1000Mb Base-TX Ethernet LAN</li> <li>•(Factory Option) Intel® Dual Band Wireless-AC 9260, 2x2 AC + BT M.2 2230 (Thunder Peak 2)</li> <li>•(Factory Option) Intel® Dual Band Wireless-AC 9560, 2x2 AC + BT M.2 2230 (Jefferson Peak 2)</li> <li>•(Factory Option) Intel® Dual Band Wireless-AC 9462, 1x1 AC + BT M.2 2230 (Thunder Peak 1)</li> <li>•1.0M HD video camera</li> </ul>
<b>Power Supply</b>	<ul style="list-style-type: none"> <li>•Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19V, 7.89A, 150W</li> <li>•Removable 6 cells Smart Lithium-Ion battery pack, 47WH</li> <li>•Battery life : 460 minutes (UMA mode with 47WH battery)</li> </ul>
<b>Security</b>	<ul style="list-style-type: none"> <li>•Security (Kensington® Type) Lock Slot</li> <li>•Intel® PTT for system without Hardware TPM</li> </ul>
<b>Others Design</b>	<ul style="list-style-type: none"> <li>•Metal (A)</li> <li>•Shipping Mode</li> <li>•FlexiCharger</li> <li>•Microsoft Cortana with Voice Technology</li> <li>•Intel® Optane™ Technology ( For Intel core processor family )</li> <li>•Windows Mixed Reality Compatible</li> </ul>
<b>OS Support</b>	•Windows®10 RS3 (64-bit)
<b>Certificate</b>	<ul style="list-style-type: none"> <li>•Windows®10 RS3 (64-bit) Logo</li> <li>•HDMI™ Logo</li> </ul>
<b>Dimension</b>	•378(W) x 250(D) x 29.6 (H) mm
<b>Weight</b>	•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.