



# 15.6" Wide


## P751TM1-G



### Advanced specifications for the demanding applications

Satisfy all your entertainment needs with this 15.6" laptop. Equipped with NVIDIA Enthusiast Graphics / G-SYNC technology, and Sound BlasterX<sup>®</sup> Pro-Gaming 360° system, an extremely versatile laptop is ready to rock your world!

# P751TM1-G Specification

|                                     |  |
|-------------------------------------|--|
| <b>Processor</b>                    | <ul style="list-style-type: none"> <li>• Intel® Core™ i7-8700K processor (14nm, 3.7GHz, DDR4 2666MHz, 12MB Smart cache, TDP: 95W)</li> <li>• Intel® Core™ i7-8700 processor (14nm, 3.2GHz, DDR4 2666MHz, 12MB Smart cache, TDP: 65W)</li> <li>• Intel® Core™ i5-8600K processor (14nm, 3.6GHz, DDR4 2666MHz, 9MB Smart cache, TDP: 95W)</li> <li>• Intel® Core™ i5-8400 processor (14nm, 2.8GHz, DDR4 2666MHz, 9MB Smart cache, TDP: 65W)</li> <li>• Support CPU over clocking depends on CPU SKU (Both of base frequency and ratio)</li> </ul>  |
| <b>Core Logic</b>                   | • Intel® Z370 Express Chipset  |
| <b>Display</b>                      | • 15.6" (39.62cm) UHD (3840x2160) / FHD (1920x1080) 16:9 panel, 3.2mm  |
| <b>Memory</b>                       | <ul style="list-style-type: none"> <li>• Dual channel DDR4</li> <li>• Four 260 pins SODIMM sockets, support DDR4 2400 MHz (Real operation frequency depends on processor)</li> <li>• Expandable memory from 8GB to 64GB, depends on 4GB/8GB/16GB SODIMM module</li> <li>• Support XMP 2666/3000 MHz (XMP support depends on processor and works with 4 DIMMs dual channel or 2 DIMMs single channel)</li> </ul>  |
| <b>Video Controller</b>             | <ul style="list-style-type: none"> <li>• NVIDIA® GeForce GTX 1070 OC (N17E-G2 OC) <ul style="list-style-type: none"> <li>- 8GB GDDR5 Video RAM</li> <li>- Support PCIe x16</li> <li>- Microsoft DirectX® 12 compatible</li> <li>- GeForce CUDA™ technology</li> <li>- MXM3.0</li> <li>- NVIDIA® PhysX®</li> <li>- Support 4 active displays</li> <li>- Support NVIDIA® Surround View</li> <li>- GPU over clocking</li> </ul> </li> <li>• NVIDIA® GeForce GTX 1060 OC (N17E-G1 OC) <ul style="list-style-type: none"> <li>- 6GB GDDR5 Video RAM</li> <li>- Support PCIe x16</li> <li>- Microsoft DirectX® 12 compatible</li> <li>- GeForce CUDA™ technology</li> <li>- MXM3.0</li> <li>- NVIDIA® PhysX®</li> <li>- Support 4 active displays</li> <li>- Support NVIDIA® Surround View</li> <li>- GPU over clocking</li> </ul> </li> </ul> |
| <b>Storage</b>                      | <ul style="list-style-type: none"> <li>• Two changeable 2.5"7mm/9.5mm(H) HDD/SSD, SATA interface (RAID 0/1)</li> <li>• (Factory Option) Two M.2 2280 SSD SATA / PCIe Gen3x4 interface (RAID 0/1)</li> </ul>  |
| <b>Audio</b>                        | <ul style="list-style-type: none"> <li>• High Definition Audio</li> <li>• S/PDIF digital output</li> <li>• Built in array microphone</li> <li>• Built in two speakers</li> <li>• Sound BlasterX® Pro-Gaming 360°</li> <li>• ESS™ SABRE HiFi DAC for high resolution headphone audio</li> <li>• External 7.1CH audio output supported by 2-in-1 Audio, Microphone, Line-in and Line-out jacks</li> </ul>  |
| <b>Keyboard and Pointing Device</b> | <ul style="list-style-type: none"> <li>• Multi languages full color illuminated full size keyboard with numeric pad and anti-ghost keys</li> <li>• Built in Secure pad with Microsoft PTP multi-gesture and scrolling function</li> <li>• W/A/S/D gaming key</li> </ul>  |
| <b>I/O ports</b>                    | <ul style="list-style-type: none"> <li>• 1 x USB 2.0 port</li> <li>• 3 x USB 3.0 ports (USB 3.1 Gen 1) (1 x powered USB port, AC/DC)</li> <li>• 1 x USB 3.1 Gen 2 port (Type-C)</li> <li>• 1 x USB 3.1 Gen2 / Thunderbolt™ 3 combo port (Type-C)</li> <li>• 2 x Mini DisplayPort 1.3</li> <li>• 1 x HDMI™ output port (with HDCP)</li> <li>• 1 x 2-in-1 Audio Jack (Headphone/ S/PDIF optical output)</li> <li>• 1 x Microphone jack</li> <li>• 1 x Line-out jack</li> <li>• 1 x Line-in 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 up to UHS-II</li> </ul> </li> </ul>   |
| <b>Slot</b>                         | <ul style="list-style-type: none"> <li>• Four M.2 card slots <ul style="list-style-type: none"> <li>-1st for WLAN Combo M.2 2230 Card with PCIe2 and USB interface (A key)</li> <li>-2nd for SSD M.2 2280 Card with SATA /PCIe Gen3x4 interface (M key)</li> <li>-3rd for SSD M.2 2280 Card with SATA /PCIe Gen3x4 interface (M key)</li> <li>-(Factory Option) 4th for LTE or UMTS/HSPA+ M.2 3042 Card with USB interface (B key)</li> </ul> </li> <li>Note: (Factory Option) LTE or 802.11AD antenna</li> </ul>  |
| <b>Communication</b>                | <ul style="list-style-type: none"> <li>• Built in Qualcomm®10/100/1000Mb Base-TX Ethernet LAN</li> <li>• (Factory Option) Intel® Dual Band Wireless-AC 8265, 2x2 AC +BT M.2 2230 (Windstorm Peak)</li> <li>• (Factory Option) Qualcomm® Atheros Killer™ Wireless-AC 1535 Dual Band 2x2 AC +BT M.2 2230</li> <li>• (Factory Option) Wireless LAN 802.11AD + Bluetooth v4.1 Combo M.2 2230 Card module</li> <li>• (Factory Option) UMTS/HSPA+ M.2 3042 Card module</li> <li>• (Factory Option) LTE M.2 3042 Card module</li> <li>• 2.0M FHD 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 19.5V, 16.9A ,330W</li> <li>• Removable 8 cells Smart Lithium-Ion battery pack, 82WH</li> <li>• Battery life: 200 minutes (with NVIDIA® GeForce GTX 1060 OC, 82WH Battery)</li> </ul>   |
| <b>Security</b>                     | <ul style="list-style-type: none"> <li>• Security (Kensington® Type) Lock Slot</li> <li>• Area fingerprint</li> <li>• TPM2.0</li> </ul>  |
| <b>Others Design</b>                | <ul style="list-style-type: none"> <li>• Shipping Mode</li> <li>• FlexiCharger</li> <li>• Virtual Reality ready supported with processor i7/i5</li> <li>• Support Windows®10 Cortana with Voice</li> <li>• Killer DoubleShot™ Pro with Killer™ Wireless-AC 1535 module</li> <li>• NVIDIA® G-SYNC™ Technology</li> <li>• Intel® Optane™ Technology</li> <li>• (Factory Option) USB drive</li> </ul>   |
| <b>OS Support</b>                   | • Windows®10 (64-bit )   |
| <b>Certificate</b>                  | <ul style="list-style-type: none"> <li>• Windows®10 (64-bit) Logo</li> <li>• HDMI™ Logo</li> </ul>   |
| <b>Dimension</b>                    | • 386 (W) x 262 (D) x 38(H) mm   |
| <b>Weight</b>                       | • 3.4Kg, including Barebone ,VGA card and 82WH Battery   |

2017/10 Version

Remark:  
 \*Battery life may vary depending on applications and configuration.  
 \*Weight tolerance is +/- 5%.  
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