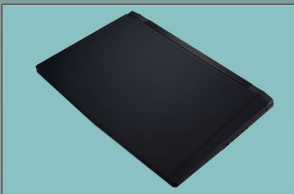




15.6" Wide

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[®] Pro-Gaming 360° system, an extremely versatile laptop is ready to rock your world!

P751TM1-G Specification

Processor	<ul style="list-style-type: none"> • Intel® Core™ i9-9900K processor (14nm, 3.6GHz, DDR4 2666MHz, 16MB Smart cache, TDP: 95W) • Intel® Core™ i7-9700K processor (14nm, 3.6GHz, DDR4 2666MHz, 12MB Smart cache, TDP: 95W) • Intel® Core™ i5-9600K processor (14nm, 3.7GHz, DDR4 2666MHz, 9MB Smart cache, TDP: 95W) • Intel® Core™ i7-8086K processor (14nm, 4.0GHz, DDR4 2666MHz, 12MB Smart cache, TDP: 95W) • Intel® Core™ i7-8700K processor (14nm, 3.7GHz, DDR4 2666MHz, 12MB Smart cache, TDP: 95W) • Intel® Core™ i7-8700K processor (14nm, 3.2GHz, DDR4 2666MHz, 12MB Smart cache, TDP: 65W) • Intel® Core™ i5-8600K processor (14nm, 3.6GHz, DDR4 2666MHz, 9MB Smart cache, TDP: 95W) • Intel® Core™ i5-8400 processor (14nm, 2.8GHz, DDR4 2666MHz, 9MB Smart cache, TDP: 65W) • Support CPU over clocking depends on CPU SKU (Both of base frequency and ratio) 	
Core Logic	<ul style="list-style-type: none"> • Intel® Z370 Express Chipset 	
Display	<ul style="list-style-type: none"> • 15.6" (39.62cm) UHD (3840x2160) / FHD (1920x1080) 16:9 panel, 3.2mm 	
Memory	<ul style="list-style-type: none"> • Dual channel DDR4 • Four 260 pins SODIMM sockets, support DDR4 2400 MHz, or DDR4 2666 MHz by one DIMM per channel (Real operation frequency depends on processor) • Expandable memory from 8GB to 64GB, depends on 4GB/8GB/16GB SODIMM module • Support XMP 2666/3000 MHz (XMP support depends on processor and works with 4 DIMMs dual channel or 2 DIMMs single channel) 	
Video Controller	<ul style="list-style-type: none"> • NVIDIA® GeForce RTX™ 2080 (N18E-G3) <ul style="list-style-type: none"> - 8GB GDDR6 Video RAM - Support PCIe x16 - Microsoft DirectX® 12 compatible - MXM3.0 - NVIDIA PhysX® - GeForce CUDA™ technology - Support 4 active displays - Support NVIDIA® Surround View - GPU over clocking 	<ul style="list-style-type: none"> • NVIDIA® GeForce GTX 1080 (N17E-G3) <ul style="list-style-type: none"> - 8GB GDDR5X Video RAM - Support PCIe x16 - Microsoft DirectX® 12 compatible - MXM3.0 - NVIDIA® PhysX® - GeForce CUDA™ technology - Support 4 active displays - Support NVIDIA® Surround View
	<ul style="list-style-type: none"> • NVIDIA® GeForce RTX™ 2070 (N18E-G2) <ul style="list-style-type: none"> - 8GB GDDR6 Video RAM - Support PCIe x16 - Microsoft DirectX® 12 compatible - GeForce CUDA™ technology - MXM3.0 - NVIDIA® PhysX® - Support 4 active displays - Support NVIDIA® Surround View - GPU over clocking 	<ul style="list-style-type: none"> • NVIDIA® GeForce GTX 1070 OC (N17E-G2 OC) <ul style="list-style-type: none"> - 8GB GDDR5 Video RAM - Support PCIe x16 - Microsoft DirectX® 12 compatible - GeForce CUDA™ technology - MXM3.0 - NVIDIA® PhysX® - Support 4 active displays - Support NVIDIA® Surround View - GPU over clocking
	<ul style="list-style-type: none"> • NVIDIA® GeForce RTX™ 2060 (N18E-G1) <ul style="list-style-type: none"> - 6GB GDDR6 Video RAM - Support PCIe x16 - Microsoft DirectX® 12 compatible - GeForce CUDA™ technology - MXM3.0 - NVIDIA® PhysX® - Support 4 active displays - Support NVIDIA® Surround View - GPU over clocking 	<ul style="list-style-type: none"> • NVIDIA® GeForce GTX 1060 OC (N17E-G1 OC) <ul style="list-style-type: none"> - 6GB GDDR5 Video RAM - Support PCIe x16 - Microsoft DirectX® 12 compatible - GeForce CUDA™ technology - MXM3.0 - NVIDIA® PhysX® - Support 4 active displays - Support NVIDIA® Surround View - GPU over clocking
Storage	<ul style="list-style-type: none"> • Two changeable 2.5" 7mm/9.5mm(H) HDD/SSD, SATA interface (RAID 0/1) • (Factory Option) Two M.2 2280 SSD SATA / PCIe Gen3x4 interface (RAID 0/1) 	
Audio	<ul style="list-style-type: none"> • High Definition Audio • S/PDIF digital output • Built in array microphone • Built in two speakers • Sound BlasterX® Pro-Gaming 360° • ESS™ SABRE HiFi DAC for high resolution headphone audio • External 7.1CH audio output supported by 2-in-1 Audio, Microphone, Line-in and Line-out jacks 	
Keyboard and Pointing Device	<ul style="list-style-type: none"> • Multi languages full color illuminated full size keyboard with numeric pad and anti-ghost keys • Built in Secure pad with Microsoft PTP multi-gesture and scrolling function • W/A/S/D gaming key 	

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.

P751TM1-G Specification

I/O ports	<ul style="list-style-type: none"> • 1 x USB 2.0 port • 3 x USB 3.0 ports (USB 3.1 Gen 1) (1 x powered USB port, AC/DC) • 1 x USB 3.1 Gen 2 port (Type-C) • 1 x USB 3.1 Gen2 / Thunderbolt™ 3 combo port (Type-C) • 2 x Mini DisplayPort 1.3 • 1 x HDMI™ output port (with HDCP) • 1 x 2-in-1 Audio Jack (Headphone/ S/PDIF optical output) • 1 x Microphone jack • 1 x Line-out jack • 1 x Line-in 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 up to UHS-II
Slot	<ul style="list-style-type: none"> • Four M.2 card slots <ul style="list-style-type: none"> -1st for WLAN Combo M.2 2230 Card with PCIe2 and USB interface (A key) -2nd for SSD M.2 2280 Card with SATA /PCIe Gen3x4 interface (M key) -3rd for SSD M.2 2280 Card with SATA /PCIe Gen3x4 interface (M key) -(Factory Option) 4th for LTE M.2 3042 Card with USB interface (B key) Note: (Factory Option) LTE or 802.11AD antenna
Communication	<ul style="list-style-type: none"> • Built in Qualcomm® 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 8265, 2x2 AC +BT M.2 2230 (Windstorm Peak) • (Factory Option) Qualcomm® Atheros Killer™ Wireless-AC 1535 Dual Band 2x2 AC +BT M.2 2230 • (Factory Option) Qualcomm® Atheros Killer™ Dual Band Wireless-AC 1550 2x2 AC +BT M.2 2230 • (Factory Option) Wireless LAN 802.11AD + Bluetooth v4.1 Combo M.2 2230 Card module • (Factory Option) LTE M.2 3042 Card module • 2.0M FHD video camera
Power Supply	<ul style="list-style-type: none"> • Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19.5V, 16.9A ,330W • Removable 8 cells Smart Lithium-Ion battery pack, 82WH • Battery life: 200 minutes (with NVIDIA® GeForce GTX 1060 OC, 82WH Battery)
Security	<ul style="list-style-type: none"> • Security (Kensington® Type) Lock Slot • Area fingerprint • TPM2.0
Others Design	<ul style="list-style-type: none"> • Shipping Mode • FlexiCharger • Virtual Reality ready supported with processor i7/i5 • Support Windows®10 Cortana with Voice • Killer DoubleShot™ Pro with Killer™ Wireless-AC module • NVIDIA® G-SYNC™ Technology with processor i7/i5 • Intel® Optane™ Technology • (Factory Option) USB drive
OS Support	<ul style="list-style-type: none"> • Windows®10 (64-bit)
Certificate	<ul style="list-style-type: none"> • Windows®10 (64-bit) Logo • HDMI™ Logo
Dimension	<ul style="list-style-type: none"> • 386 (W) x262 (D) x 38(H) mm
Weight	<ul style="list-style-type: none"> • 3.4Kg, including Barebone ,VGA card and 82WH Battery

2018/12 Version

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