



# *GT63 Titan* ***BORN TO OUTSHINE***

GT63 TITAN 8RG / 8RF Datasheet



**GT63 Titan**

**- Features -**

## New Features

### HEXA-ORDINARY PERFORMANCE 8TH GEN INTEL® CORE™ i7 PROCESSORS

Take a huge leap in performance with the 1st-ever Hexa Core notebook processors! Experience boosted gameplay and faster rendering by up to 40% with the extra cores. The more the merrier!\*



### DDR4-2666 MEMORY - HIGHER BANDWIDTH FOR HIGHER WORKLOAD

Get the best possible performance out of your notebook with support of the advanced DDR4-2666 memory. With over 40% faster performance than previous gen DDR3, and up to 10% faster than DDR4-2400, it is the new laptop standard to take your extreme gaming experience to the next level.



### DRAGON CENTER 2.0 – FREE BUFF FOR YOUR RIG

The redesigned Dragon Center 2.0 takes optimization to a whole new level. Now it not only monitors but also optimizes system performance through various customizable profiles, and freeing up system memories to prioritize in-game performance.





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## New Features

### ALL NEW NAHIMIC 3 - FOR NEXT LEVEL AUDIO IMMERSION

Get ready to be amazed by the all new Nahimic 3 and live the gaming immersion like never before! With simple and intuitive new UI, the Nahimic 3 not only further enhances in game 3D surround sound, but also offers even more finite control over your music, movies, and conference calls.



### BLAZING FAST KILLER WIRELESS CONNECTION

Speed up the wireless connection with the new Killer Wireless-AC 1550, and enjoy up to double the speed among the competition.



### WORLD'S FIRST PER-KEY RGB LAPTOP WITH GAMING KEYBOARD BY STEELSERIES. SHINING IS JUST THE NEW MUST.

Through Per-Key illumination of the keyboard, you may receive real time game stats like ammo levels, health levels, tool durability, and take immediate actions, gaining full control of gameplays. Every hardware detail of this keyboard is also calculated and especially designed for professional gamers' needs. The keyboard has ergonomically-designed keys with 1.9mm of key travel for better responsive and tactile feedback, optimum WASD zone and support of anti-ghosting capability for up to 45 keys. Mechanical-level Shielding solution makes the gaming notebook keyboard the most solid ever. All these gaming features are all designed for gamers to gain full command over gaming missions.





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## New Features

### REVOLUTIONARY COOLING MODULE FOR ENTHUSIASTIC GAMING

The latest MSI Cooler Boost 5 cooling design features up to 8 heat pipes. It ends up intensively and efficiently driving exhaust heat out of the system, raising the cooling technology to the highest level of its kind. Especially designed to deliver maximum performance at lower temperature.

**Cooler  
Boost 5**



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## Performance

### DYNAMIC TEMPERATURE / PERFORMANCE BALANCING

The exclusive MSI "SHIFT" technology pushes system to the extreme while minimizing noise and temperature. Default setting is at Sport mode. Switch between five profiles "Turbo", "Sport", "Comfort", "ECO/Green", and "User" modes to either push your system to the extreme or in the pursuit of longer battery life.

What gamers would love most about this feature is probably the Sport and the Turbo modes.

Sport mode ensures that MSI gaming notebook runs faster than the rest whereas Turbo mode permits pro-gamers to manually adjust the CPU and GPU clock to overclock the system of K series CPU but still keeps down the system temperature and noise level.

\*SHIFT can be activated by pressing the FN + F7 hotkey combo, or via the Dragon Gaming Center



### ULTRA-FAST, SMALLER AND MORE CONVENIENT USB TYPE-C INTERFACE

The new SuperSpeed+ transfer mode supports transferring data up to 10Gbps, around 20X faster than the previous USB 2.0 standard. The USB Type -C port is smaller than the old Type-A port and reversible design makes it more convenient than before. The USB3.1 is backwards compatible with USB3.0 and USB 2.0.





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## Visuals

### EMBRACE THE ENTHUSIAST LEVEL VIRTUAL REALITY EXPERIENCE

The perfect combination of MSI gaming laptops and NVIDIA next gen. graphics(GeForce® GTX 1080 / GTX 1070 / GTX 1060) shall bring you the enthusiast level of VR experience. Certified by both NVIDIA and VIVE, MSI is the 1st VR ready gaming laptop brand. We provide an exceptionally smooth, powerful mobile platform for ultimate VR games. Perfect for you to immerse in the amazing artificial world and explore new ways of gaming.



### NVIDIA's Latest GeForce® GTX 1080 (8RG) / GTX 1070 (8RF) GPU is Ready to Amaze You on MSI Gaming Notebooks

With the innovative Cooler Boost cooling solution and MSI's special gaming features catered for gamers, the NVIDIA's latest GeForce® GTX 1080 and GTX 1070 GPU shall be able to release its full performance completely on MSI gaming laptops.



### 4K LCD BUILT-IN DISPLAY WITH GREATER DETAILS

Thanks to the resolution up to 3840 x 2160 pixels, an UHD 4K display is able to deliver superbly detailed nature images, outstanding color contrast and spectacular color performance. MSI now presents you a gaming notebook with 4K LCD built-in display, no extra spending is therefore needed to experience the advantages brought by this feature.



(optional)

\*The function may vary by model

## Visuals

### **WIN BY A MILLISECOND FASTER – WORLD'S FIRST 120HZ 3MS GAMING DISPLAY**

As the only gaming laptop with 120Hz refresh rate and 3ms response time panel, this is the go-to companion you can count on to never lose a detail during chaotic gameplays. The level of realism is drawn from the panel's ability to produce up to 120 picture frames per second, topped with 94% NTSC Color Gamut calibration to bring you the most vibrant visuals for your ultimate entertainment pleasures.



(optional)

### **True Color 2.0 Technology**

MSI has partnered with Portrait Displays, Inc. in developing a level of accuracy for display technology that sets a new standard, the MSI True Color 2.0 Technology. MSI True Color 2.0 Technology guarantees that each panel in a MSI notebook comes with the finest precision in color. After examination and an extensive factory calibration process by MSI True Color 2.0 Technology, the panel quality will be more accurate, close to 100% sRGB. Hence, each color is delivered with the highest standard precision in detail, guaranteeing excellent color fidelity for many application uses.





**GT63 Titan**

**- Features -**

## Visuals

### MULTI-TASK WITH UP TO 3 MONITORS

Expand the vision for extreme gaming experience. MSI innovative Matrix Display supports up to 2 external displays simultaneously through 1x HDMI port\* and 1x Mini DisplayPort 1.2. Multi-task is made possible even during competitive gameplays. Connect the laptop to HDTV display, Matrix Display supports 4K output with a resolution up to 3840 x 2160. MSI Matrix Display technology creates an ideal environment for extreme gaming experience and pleasant multimedia entertainment.

\* HDMI 4K@60Hz.



**Matrix Display**

### HIGH CLASS DESIGN WITH E-SPORT ENTHUSIASM

Its brushed-metal lid and aesthetics line design are inspired by matte black supercars, adding high class taste. MSI GT63 series is designed to dominate the cyber world with Overclocked CPU and extreme GeForce® GTX graphics.



**AI Alloy Chassis**





**GT63 Titan**

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## Audio

### LIVE THE COMPLETE AND IMMERSIVE VR EXPERIENCE

Unchain the multichannel audio engine of your VR video game with Nahimic VR. More and more VR video games will be supporting the 7.1 audio surround but unfortunately, they are locked in stereo. Nahimic VR is the world first audio solution to bring the 7.1 sound into a regular stereo headset. We provide specific audio algorithms that are capable to improve drastically the 3D sound field over HDMI and USB output. The result is a combined VR video and 3D audio for a full and breathtaking VR experience for the gamers. Just turn-on the Nahimic VR button on the Dragon Center audio solution, and prepare to be stunned!

 **Nahimic VR**

### IMMERSIVE GAMING WITH TOP-NOTCH AUDITORY SENSATION

To satisfy consumers' desire to experience high quality sound effects, MSI partners with top audio brand Dynaudio, which has a devoted aspiration for "Authentic Fidelity" to meet this demanding standard and whose loudspeaker systems are often applied by German cars. It equips the MSI G-Series notebooks with top-notch audio features, creating a realistic sound and immersive effects. The Dynaudio 4+1 speakers boost power amplitude 50% more than the previous generation, meaning a volume increase over 10dB. All high quality stereo source is transformed into true-to-life, multi-channel sound. No need to purchase extra speakers, wires or speaker stands to appreciate room-filling sound.

**DYNAUDIO**



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## Control

### STEELSERIES ENGINE 3 (SSE3) – TARGET, POSITION, AIM AND FIRE

During gameplay, SteelSeries Engines 3 serves as your firearm. With SSE3, you get to suit up your weapon with cool look by lightening it up with multiple backlit colors, transform your keyboard into a high technology firearm by setting up several keys into one key command and cloud syncing all SteelSeries gears together.

**steelseries**  
**ENGINE3**

### SENSE GAME STATS DIRECTLY THROUGH KEYBOARD

SteelSeries GameSense talks directly to your game and shall grant you the capability in playing games more intuitively. Through backlit colors and LED brightness of the keyboard, users may receive real time game stats like ammo levels, health levels, tool durability, and take immediate actions to respond to these changes, gaining full control during gameplays.

\* Please kindly upgrade your SteelSeries Engine 3 software to version 3.4.0 or later and download the Technic Launcher .

\* SteelSeries GameSense is only available on multi-color backlighting keyboard.

### SILVER LINING PRINT

See more and do more in the night with high-grade silver lining printed keys. See the full color spectrum on the SteelSeries multicolor keyboard and enjoy longer lasting keys worry free of long-term wear and tear.



## Streaming

### KILLER DOUBLESHOT PRO – PROTECTING YOUR PING

Stop losing games to lag with Killer DoubleShot Pro. Protect and prioritize networking traffic while preventing lag spikes so you can game without fear and play at your best. Select programs you want your network to prioritize to ensure maximum bandwidth and track your speeds with the easy-to-use Killer Networking Manager. Killer DoubleShot Pro consists of one Killer E2400 Gigabit Ethernet controller and one Killer Wireless-AC 1550 chipset and improves average latency by 3.5 times compared with those utilizing 802.11ac.



### KILLER SHIELD – SMOOTHER GAMEPLAY

Killer Shield ensures smoother uploads and download processes. Lower latency and less Jitter optimize gameplay experience. Less ping rate floating reassures more fluent gameplays.



### WTFast – JUST FASTER THAN THE REST

WTFast is the Gamers Private Network. It is like a global automated army of IT specialists all working together to optimize your game connection from end to end. WTFast reports rich connection stats for your online game, so you can see exactly what is happening with your game connection.

- Built just for MMO gamers
- Reduce average ping
- Greatly reduce connection flux, spikes and packet loss
- MSI Exclusive 2-month premium license

\*Please register in below website and download the WTFast software, thank you! <https://gaming.msi.com/promotion/wtfast>





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## Streaming

### **XSPLIT GAMECASTER VERSION 2.9 – STREAMING YOUR GAMING TALENTS TO THE WORLD**

MSI offers 1 year premium license of XSplit Gamecaster for free. Gamers can now get super professional live streams going by blending into the background. Broadcast your gameplay videos live to Twitch, YouTube, UStream and etc. in just 3 steps. You may login easily with your social network accounts and edit gameplay videos directly on this app. It's simple, easy to use and ideal for sharing your gameplay with friends, family or the world - or for capturing those perfect gaming moments, just for the heck of it.





# GT63 Titan

- Dimension & I/O -

15.6"

2.94kg



HP-out (SPDIF out) / MIC-in/ line-in/line-out



40 mm

1x USB 2.0

Card reader

3x USB USB3.1 Gen2



Killer GbLAN

HDMI out

1x Mini-Display



USB 3.1 Gen2 type-c

DC in



## GT63VR Dominator Pro - Specification -

Model Name	GT63 Titan 8RG / GT63 Titan 8RF
Processor	Latest 8 <sup>th</sup> Gen. Intel® Core™ i7 processor
Operating System	Windows 10 Home Windows 10 Pro
Chipset	Intel® HM370
Memory	DDR4-2666 speed up to 2 slots, up to 32GB DDR4-2400 speed up to 4 slots, up to 64GB
Display	15.6" Full HD (1920x1080), 120 Hz Refresh Rate and 3ms response time panel (Optional) 15.6" UHD (3840x2160), IPS level panel (Optional)
Graphics	Latest GeForce® GTX 1080 / 8GB GDDR5X <b>(8RG)</b> Latest GeForce® GTX 1070 / 8GB GDDR5 <b>(8RF)</b>
Storage	1 x 2.5" HDD + 1 x NVMe M.2 SSD by PCIe Gen3 / SATA-SSD Combo
Keyboard	Per-Key RGB Backlight SteelSeries keyboard Silver Lining Print
Audio	Sound by Dynaudio with Woofer ESS SABRE HiFi audio DAC technology Nahimic 3 Audio Enhancer
USB 3.1 Gen2/USB 3.1 Gen1/2.0	1x USB 3.1 Gen2 Type-C / 3x USB 3.1 Gen2 Type-A / 1
Card Reader	SD(XC/HC)
Video Output	HDMI (4K@ 60Hz)x1 / MINI DisplayPort 1.2 x1 (4K 60Hz support)
Mic-in/Headphone out	1/1/1 (line in)/1 (line out)
LAN/WiFi	Killer DoubleShot Pro with Killer Shield
Bluetooth	Bluetooth v5
Webcam	Full HD type (30fps@1080p)
Battery	8-Cell
Power Adapter	330W <b>(8RG)</b> / 230W <b>(8RF)</b>
Dimension	390 (W) x 266 (D) x 39.8 (H) mm
Weight	2.94Kg