

# Dell G5 15 (5590)

## Features & Technical Specifications

Feature	Technical Specification	Feature	Technical Specification
<b>Model Number</b>	5590	<b>Input</b>	Standard full-size, spill-resistant keyboard with numeric keypad Backlit full-size, spill-resistant WASD keyboard with numeric keypad 4-zone RGB backlit full-size, spill-resistant WASD keyboard with numeric keypad (US English only) Clickpad
<b>Processor Options</b>	8 <sup>th</sup> Gen Intel® Core™ i5-8300HQ Quad Core Processor (8M Cache, up to 4.0 GHz) 8 <sup>th</sup> Gen Intel® Core™ i7-8750HQ Hex Core Processor (9M Cache, up to 4.1 GHz)	<b>Optical Drive Options</b>	N/A
<b>Operating System*</b>	Windows® 10	<b>Multimedia</b>	2 tuned speakers with Nahimic Sound Center 1 combo headphone / microphone jack Integrated widescreen HD (720p) Webcam with Dual Array Digital Microphone
<b>Graphics</b>	NVIDIA® GeForce® GTX 1050Ti, 4GB GDDR5 NVIDIA® GeForce® RTX 2060, 6GB GDDR6 NVIDIA® GeForce® RTX 2070, 8GB GDDR6 NVIDIA® GeForce® RTX 2080, 8GB GDDR6	<b>Connectivity Options</b>	802.11ac +Bluetooth 4.2, Dual Band 2.4 & 5 GHz, 1x1 Gigabit Ethernet (NVIDIA® GeForce® GTX1050Ti ) 2x2 Gigabit ethernet with Killer™ Ethernet E2500v2 (NVIDIA® GeForce® RTX2060, RTX2070, or RTX2080)
<b>Display Options</b>	FHD (1920 x 1080) 220 nits IPS Anti-Glare LED Backlit Display (non-touch) with 60Hz refresh rate FHD (1920 x 1080) 300 nits IPS Anti-Glare LED Backlit Display (non-touch) with 60Hz refresh rate FHD (1920 x 1080) 300 nits IPS Anti-Glare LED Backlit Display (non-touch) with 144Hz refresh rate UHD (3840 x 2160) 400 nits OLED Display* with 60Hz refresh rate	<b>Battery Options*</b>	60 WHr, 4-Cell Battery (integrated) 90 WHr, 6-Cell Battery (integrated)
<b>Memory Options*</b>	8 - 16GB, 2666 MHz, DDR4; up to 32GB (additional memory sold separately)	<b>AC Adapter</b>	130 Watt AC Adapter (NVIDIA® GeForce® GTX1050Ti) 180 Watt AC Adapter (NVIDIA® GeForce® RTX2060, RTX2070, or RTX2080)
<b>Storage Options*</b>	<b>Single storage:</b> 1TB 5400 RPM Hybrid Hard Drive with 8GB Cache 128GB PCIe M.2 SSD (Class 35) 256GB PCIe M.2 SSD (Class 35) 512GB PCIe M.2 SSD (Class 40) 1TB PCIe M.2 SSD (Class 40) <b>Dual storage:</b> 128GB PCIe M.2 SSD (Class 35) with choice of 500GB 7200 RPM HDD, 1TB 5400 RPM HDD, or 2TB 5400 RPM HDD 256GB PCIe M.2 SSD (Class 35) with choice of 500GB 7200 RPM HDD, 1TB 5400 RPM HDD, or 2TB 5400 RPM HDD 512GB PCIe M.2 SSD (Class 40) with choice of 500GB 7200 RPM HDD, 1TB 5400 RPM HDD, 2TB 5400 RPM HDD 1TB PCIe M.2 SSD (Class 40) with choice of 500GB 7200 RPM HDD, 1TB 5400 RPM HDD, or 2TB 5400 RPM HDD	<b>Dimensions (H x W x D)</b>	23.7 x 364.3 x 273.4mm / 0.95 x 14.3 x 10.8 inches
<b>Ports, Slots &amp; Chassis</b>	(1) HDMI 2.0, (3) SuperSpeed USB 3.1 Gen 1 Type-A including (1) with PowerShare, (1) 2-in-1 SD / MicroMedia Card slot, wedge lock slot, Headphone/Mic Only on GTX1050Ti: USB-C DisplayPort Alt-Mode only; (1) RJ45 Only on RTX2060, RTX 2070, or RTX2080: (1) Thunderbolt™ 3 Port (USB 3.1 Gen 2 Type-C™ with support for 40 Gbps Thunderbolt and DisplayPort); (1) miniDP; (1) RJ-45 Killer Networks E2500V2 Gigabit Ethernet Port	<b>Starting Weight*</b>	Starting @ 6.10 lb (2.77kg) with i5, NVIDIA® GTX 1050Ti, 1TB + 128GB SSD, FHD non-touch, 1 DIMM, Non-Fingerprint, Non-Backlit keyboard
		<b>Color Options</b>	Deep Space Black
		<b>Security</b>	N/A
		<b>Software</b>	Alienware Command Center, Dell Digital Delivery, Dell Mobile Connect, Dell Recovery Environment, DropBox, Microsoft® Office 2016 trial, McAfee LiveSafe (30-Day)
		<b>Peripheral Ecosystem</b>	Alienware Wireless Gaming Headset – AW988 Dell Gaming Backpack 15 Alienware Advanced Gaming Mouse   AW558 Alienware Advanced Gaming Keyboard   AW568 Dell Gaming 27 Monitor – S2719DGF
		<b>Regulatory &amp; Environmental Compliance</b>	ENERGY STAR 7.1

**\*NOTES:**

Features may vary by region.

OLED option will be available in late April 2019.

**Hard Drives:** GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

**Graphics & System Memory:** GB means 1 billion bytes and TB equals 1 trillion bytes; significant system memory may be used to support graphics, depending on system memory size and other factors.

**Battery life** figures are based on testing using the Mobile Mark 2014 battery life benchmark test. For more information about this benchmark test, visit [www.bapco.com](http://www.bapco.com). Test results should be used only to compare one product with another and are not a guarantee you will experience the same battery life. Battery life may be significantly less than the test results and varies depending on your product's configuration, software, usage, operating conditions, power management settings and other factors. Maximum battery life will decrease with time and use.

**Battery Options:** 60Wh Battery is required for 1TB 5400RPM Hybrid + 8GB SSHD configurations. 90Wh Battery is for "SSD only" config and required for select OLED configurations; cannot be paired with HDD only config.

**Watt Hour (WHr)** - The stated Watt Hour (WHr) is not an indication of battery life.

**Notebook Weight:** Weights vary depending on configuration and manufacturing variability.

