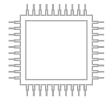




# Introducing the world's most secure laptops designed for ultimate productivity and flexibility.



LATITUDE 5000 SERIES LAPTOPS 5280 | 5480 | 5580



## Scalable performance

Experience scalability in performance and flexibility all in one series of commercial laptops. Powered by the latest Intel® processors, NVIDIA graphics and a range of storage options from HDD to PCIe NVMe to ignite your workforce productivity.



## Serviceable and long battery life

Choose how to power through your day with multiple battery options and handy peripherals like the Dell Power Companion for additional battery life. Also enjoy best-in-class serviceability with a bottom access door making component accessibility a snap.



## Easy access and connectivity

New features to the series include optional Windows Hello and an infrared camera which facilitates logon using facial recognition. Docking is now also a breeze with multiple options including DisplayPort™ over USB Type C, Thunderbolt3™ and Dell Wireless dock.



## World's most secure

Relax knowing that this series of laptops is the world's most secure featuring optional multi-factor authentication including touch finger print reader, contacted FIPS 201 Smart Card Reader, contactless smart card reader with Control Vault 2™ FIPS 140-2 Level 3 certification.

# Features & Technical Specifications



	Skylake 15 U	Skylake15 H
<b>Model Number<sup>1</sup></b>	<b>Latitude 5580</b>	
<b>Processor Options<sup>1</sup></b>	6th Gen Intel® Core i5 Processors, U Dual Core	6th Gen intel® Core i5 Processors, H Quad Core
<b>Operating System<sup>1</sup></b>	Microsoft® Windows 10 Pro 64 bit Microsoft® Windows 10 Home 64 bit Microsoft® Windows® 7 Professional 32/64 bit, (available through downgrade rights from Windows® 10 Pro License) Microsoft® Windows® 8.1 Professional 64 bit, (available through downgrade rights from Windows® 10 Pro License only through Dell Configuration Services) Ubuntu 16.04 LTS 64-bit NeoKylin 6.0 64 bit	
<b>Memory Options<sup>1,2,3</sup></b>	DDR4 2133 MHz; 2 slots supporting up to 32GB	DDR4 2400 MHz; 2 slots supporting up to 32GB
<b>Chipset<sup>1</sup></b>	Integrated in the processor	CM236
<b>Intel Responsiveness Technologies<sup>1,7</sup></b>	Intel® Rapid Storage Technology	
<b>Graphics<sup>1,13</sup></b>	Intel® HD Graphics 520 NVIDIA® GeForce 930MX 64 Bit	Intel® HD Graphics 530 NVIDIA® GeForce 940MX 64 Bit
<b>Display<sup>1</sup></b>	15.6" HD (1366 x 768) Anti-glare (16:9) WLED, 200 nits, Carbon Fiber Reinforced Polymer LCD Back 15.6" FHD WVA (1920 x 1080) Anti-glare (16:9) WLED, 220 nits, Carbon Fiber Reinforced Polymer LCD Back 15.6" FHD WVA (1920 x 1080) On-cell Touch Display with Truelife, 220 nits, Carbon Fiber Reinforced Polymer LCD Back	
<b>Storage Options<sup>1,3</sup></b>	HDD: up to 1TB, Hybrid, OPAL SED options SSD M.2 2280 SATA: up to 512GB, OPAL SED options SSD M.2 2280 PCIe/NVMe: up to 512GB, OPAL SED options SSD M.2 64GB Cache (in WWAN slot) Dell Fast Response Free Fall Sensor and HDD Isolation (standard feature)	
<b>Security<sup>1</sup></b>	TPM 2.0 FIPS 140-2 Certified, TCG Certified Optional Hardware Authentication Bundle 1: FIPS 201 Contacted Smart Card with Control Vault 2.0 Advanced Authentication with FIPS 140-2 Level 3 Certification Optional Hardware Authentication Bundle 2: Touch Fingerprint Reader, FIPS 201 Contacted Smart Card, Contactless Smart Card, NFC, Control Vault 2.0 Advanced Authentication with FIPS 140-2 Level 3 Certification Optional Hardware Authentication Bundle 3: Touch FIPS 201 Fingerprint Reader, FIPS 201 Contacted Smart Card, Contactless Smart Card, NFC, Control Vault 2.0 Advanced Authentication with FIPS 140-2 Level 3 Certification (15" only)  Dell Client Command Suite Optional Dell Data Security and Management Software Dell Endpoint Security Suite Enterprise Dell Data Guardian Dell Encryption (Enterprise or Personal Edition) Dell Threat Defense Dell Protected Workspace MozyPro® or MozyEnterprise® RSA NetWitness® Endpoint <sup>17</sup> VMware Airwatch® <sup>17</sup> RSA SecurID Access <sup>17</sup> Absolute Data & Device Security	
<b>Docking<sup>1</sup></b>	Dell Dock WD15 (optional, sold separately) Dell Wireless Dock WLD15 (Optional, sold separately, requires optional installed Intel® Tri-Band Wireless-AC 18265 WiGig + Wi-Fi + BT4.2 <sup>8</sup> ) Dell Thunderbolt™ Dock TB 16 (optional, sold separately)	
<b>Optical Drive Options</b>	External Options Only	

<b>Multimedia<sup>1</sup></b>	High Quality Speakers Headset/mic combo jack Noise reducing array microphones Optional HD, IR or no camera Skype For Business Certified	
<b>Battery Options<sup>1</sup></b>	42 WHr Prismatic, ExpressCharge™ capable (UMA Only) 51 WHr Polymer, ExpressCharge™ capable 68 WHr Polymer, ExpressCharge™ capable 68 WHr Long Life Cycle Polymer (Spring 2017)	51 WHr Polymer, ExpressCharge™ capable (UMA only) 68 WHr Polymer, ExpressCharge™ capable 68 WHr Long Life Cycle Polymer (Spring 2017) 92 WHr Polymer, ExpressCharge™ capable
<b>Power Options<sup>1</sup></b>	65W adapter, 7.4mm barrel 65W BFR/PVC Halogen Free adapter, 7.4mm barrel	65W adapter, 7.4mm barrel 65W BFR/PVC Halogen Free adapter, 7.4mm barrel 90W adapter, 7.4mm barrel
<b>Connectivity options<sup>1,14,18</sup></b>	10/100/1000 Ethernet <b>Wireless LAN Options:</b> Qualcomm QCA61x4A 802.11ac Dual Band (2x2) Wireless Adapter+ Bluetooth 4.1 Intel® Dual-Band Wireless-AC 8265 Wi-Fi + BT 4.2 Wireless Card (2x2). Bluetooth Optional <b>Optional Mobile Broadband Options:<sup>8,10</sup></b> Qualcomm® Snapdragon™ X7 LTE-A (DW5811e) (EMEA/APJ/ROW) Qualcomm® Snapdragon™ X7 LTE-A (DW5811e) for AT&T, Verizon & Sprint, US Qualcomm® Snapdragon™ X7 HSPA+ (DW5811e) (China/Indonesia/India) Dell Wireless™ Telit Intel Ln-930 AP LTE CAT4 (DW5814e for Japan) <b>Optional WiGig Option:<sup>8</sup></b> Intel® Tri-Band Wireless-AC 18265 WiGig + Wi-Fi + BT4.1 Wireless Card	
<b>Ports, Slots &amp; Chassis<sup>1</sup></b>	3 USB 3.1 Gen 1 (one with PowerShare), HDMI, VGA RJ-45, external uSIM card tray option SD 4.0 Memory card reader Headset/mic combo jack Optional Contacted SmartCard Reader and touch Fingerprint Reader Display Port over USB Type C™	Display Port over USB Type C™ with optional Thunderbolt™ 3
<b>Dimensions &amp; Weight<sup>1,15</sup></b>	Noble Wedge Lock slot Width: 14.8" / 376.0mm Height (front): 0.9" / 23.25mm Depth: 9.9" / 250.7mm Starting weight: 4.14 lbs. / 1.88 kg	Width: 14.8" / 376.0mm Height (front): 1.0" / 24.3mm Depth: 9.9" / 250.7mm Starting weight: 4.27 lbs. / 1.94 kg
<b>Regulatory and Environmental Compliance<sup>1</sup></b>	(42Whr battery, M.2 SSD, non touch FHD LCD, UMA) Regulatory Model: P60F Regulatory Type: P60F001 ENERGY STAR 6.1 <sup>1</sup> EPEAT Gold Registered. For specific country participation and rating, please see <a href="http://www.epeat.net">www.epeat.net</a> BFR/PVC free <sup>9</sup> TAA configurations available	(51Whr battery, M.2 SSD, non touch, FHD LCD, UMA)
<b>Input<sup>1</sup></b>	Dual Pointing non-backlit Keyboard Dual Pointing backlit Keyboard Multi-touch Touchpad	
<b>Systems Management<sup>1</sup></b>	Intel® vPro™ Technology (iAMT 11.6) (optional, requires Intel WiFi® Link WLAN and a vPro compatible processor), Dell Client Command Suite available ( <a href="http://dell.com/command">dell.com/command</a> ), Factory Installed Dell Client Command   Update, Dell Command   Power Manager	
<b>Warranty and Service<sup>1</sup></b>	Limited Hardware Warranty <sup>4</sup> Standard 1 year Mail-in Service after Remote Diagnosis <sup>11</sup> optional 2, 3, 4 and 5 year hardware warranty extensions and 3-5 year Dell ProSupport contracts available <sup>12</sup>	
<b>Peripheral Ecosystem<sup>1</sup></b>	Purpose built ecosystem to enable productivity on the go or at the desk. Includes Dell Dock, Dell Wireless Dock, Dell Power Companions, Dell Professional Briefcases, Dell 24" & 27" Monitors and Dell Wireless Keyboard and Mouse	