LATITUDE 7220 RUGGED EXTREME

Built for the harshest environments. The lightest and most powerful* 12” fully rugged tablet.



FIRSTNET READY™

BUILT FOR THE TOUGHEST JOBS

Upgraded with the powerful, latest 8th Generation Intel Core Processors and boasting up to 2TB of fast, reliable, and high performance PCIe solid state drives, this fully-rugged IP-65 rated tablet can tackle the most demanding tasks.

GO-ANYWHERE PRODUCTIVITY

A glove-capable 1000-nit 12” FHD touchscreen lets you work even in direct sunlight. All day productivity is easy with optional dual hot-swappable batteries. FirstNet Ready™ with Band 14, the Latitude 7220 Rugged Extreme Tablet is backwards compatible with vehicle and onsite docking solutions, and with Rugged accessories.

AWARD WINNING SERVICE

Have peace of mind and trust that your mission critical rugged PC is well-protected with coverage options such as Dell’s signature Pro Support Plus. With options for premium support service featuring 24/7 access to the most experienced technicians, and next-business-day on-site service, downtime is a thing of the past.

SECURITY KNOWS NO BOUNDARIES

With an Infrared Camera for Windows ‘Hello’ based facial recognition, a contacted/contactless smartcard reader option, a fingerprint reader option, plus Dell Data Protection on your rugged tablet, you have security built right into your system, from the get go, wherever you are.

FirstNet and FirstNet Ready are registered trademarks and service marks of the First Responder Network Authority, an independent authority within the U.S. Department of Commerce. The FirstNet core is designed primarily for use in the United States.

Features & technical specifications

LATITUDE 7220 RUGGED EXTREME TABLET

Feature	Technical specification
Model Number	7220
Processor Options[1]	8th Generation Intel® Core™ i7-8665U, 8 MB Cache, 4 Core, 1.90 Ghz to 4.80 GHz, vPro 8th Generation Intel® Core™ i5-8365U, 6 MB Cache, 4 Core, 1.60 GHz to 4.10 GHz, vPro 8th Generation Intel® Core™ i3-8145U, 4 MB Cache, 2 Core, 2.10 GHz to 3.90 GHz
Operating System[1]	Windows 10 Professional (64-bit)
Memory Options[1,2,3]	8GB or 16GB LPDDR3, 2133 MHz
Graphics[8]	Integrated Intel® UHD Graphics 620
Display[1]	11.6-inch, FHD 1920 x 1080 @60 Hz, 1000 Nit Outdoor-Readable, Anti-Glare, Anti-Smudge, Polarizer, Glove-Capable Touchscreen with 10-point touch support
Storage Options[1,5]	**Primary Drive Options:** M.2, 128 GB, Gen 3 PCIe x4 NVMe, Class 35 SSD M.2, 256 GB/512 GB/1 TB/ 2TB Gen 3 PCIe x4 NVMe, Class 40 SSD M.2, 256 GB/512 GB/1 TB Gen 3 PCIe x4 NVMe, Class 40 Self-Encrypting SSD
Audio	Combo headphone and mic jack. Built-in stereo speaker. 2 non-array, integrated mics
Battery	34 Whr, 2-Cell Lithium Ion Primary Battery, ExpressCharge™, user-replaceable, dual hot-swappable 34 Whr, 2-Cell Lithium Ion Secondary Battery
Power	45 W, 4.50 mm x 2.90 mm 90 W, 4.50 mm x 2.90 mm 45 W, USB Type-C
Connectivity	**Wireless Options:** Intel® Wireless-AC 9560, 2 x2, 802.11ac with Bluetooth 5.0, Intel® Wi-Fi 6 AX200, 2 x 2, 802.11ax with MU-MIMO, Bluetooth 5.0 Intel® Wi-Fi 6 AX200, 2 x 2, 802.11ax with MU-MIMO, without Bluetooth **Optional Mobile Broadband Options:**[4] DW5821E Snapdragon X20 4G/LTE Wireless WAN card for AT&T, Verizon, Sprint DW5930E Snapdragon X55 5G/LTE Wireless WAN card for AT&T, Verizon, Sprint **GPS:** Dedicated u-blox NEO-M8 GPS card
Sensors	Accelerometer (free fall), Ambient Light Sensor, Digital Compass, Gyro, Lid Sensor, SAR Sensor
Camera	5 MP RGB + IR FHD webcam with privacy shutter / 8 MP rear camera with Flash and Dual Microphone
Ports, Slots & Peripherals	**Ports:** USB 3.1 Type-A with Power Delivery (1), USB 3.0 Type-C port with DisplayPort Alt Mode/PowerShare (1), Combo Mic/Headphone Jack (1), Mini Serial RS-232 port (Optional) (1), Docking Pogo connector (1), Backpack Pogo connector (Optional) (1) **Slots:** Micro SD and SIM card slot, Kensington lock slot
I/O Modules	Dell Extended I/O Module & Port Replicator (Optional), Dell Scanner Module (Optional)
Security[1,6]	Steel reinforced cable lock slot, Optional Security includes: Fingerprint reader, Contactless or Contacted SmartCard reader, TPM 2.0, ControlVault™ advanced authentication, Dell Security Tools, Dell Data Protection | Encryption, NIST SP800-147 secure platform, Dell Backup and Recovery
Dimensions & Weight	Height: 203.0 mm (7.99") Width: 312.2 mm (12.29") Depth: 24.4 mm (0.96") Starting at 2.93 lbs (1.33kg)
Regulatory[8,12] and Environmental Compliance	**Regulatory model:** T03H Regulatory type: T03H003 Energy Star 7.0, EPEAT Silver **MIL-STD-810G and MIL-STD-810H testing[13]:** Transit drop (48"/1.22m; single unit; 26 drops), operating drop (36"/0.91m), blowing rain, blowing dust, blowng sand, vibration, functional shock, humidity, salt fog (with rubberized keyboard), altitude, explosive atmosphere, solar radiation, thermal extremes, thermal shock, freeze/thaw, tactical standby to operational **Operating thermal range**:** -20°F to 145°F (-29°C to 63°C); **Non-operating range:** -60°F to 160°F (-51°C to 71°C) **IEC 60529 ingress protection[13]:** IP-65 (dust-tight, protected against pressurized water) Hazardous locations certification : ANSI/ISA.12.12.01 certification (Class I, Division 2, Groups A, B, C,D) Electromagnetic interference: MIL-STD-461F and MIL-STD-461G
Systems Management	Optional Intel vPro™ technology's advanced management features on i5/i7 configurations
Warranty and Service[9,10]	Limited Hardware Warranty[9,10] Standard 3 year Mail-in Service[10,11] after Remote Diagnosis[10,11] and optional 3-5 year Dell ProSupport & ProSupport Plus contracts and optional Next-Business-Day Service available[10,11]

* Includes system testing with adapter up to a low temperature of -29°C (-4°F) plus MIL-810 temperature testing, with no performance degradation.
When used with the battery, for the operating temperature range -20°C to -29°C (-4°F to -20°F), the system may experience a delay in boot time, for a cold boot.
Once booted, no drop in system performance is observed, but a battery runtime of approximately 20 minutes or less may be recorded.
Between 0°C to -20°C (32°F to -4°F), considerable battery degradation may be observed.
For extreme cold-temperatures, it is recommended that the system be booted in a warm environment and then used outdoors, where possible.

Recommended accessories

LATITUDE 7220 RUGGED EXTREME

AT THE DESK



RUGGED TABLET DOCK

Maximiize productivity with an IP-65 rated dock for rugged environments. Featuring dual-display support with VGA, Serial and Display Port outputs, and dual spare battery charging slots.



KEYBOARD WITH KICKSTAND

Maximize your productivity with an IP-65 rated full-size keyboard featuring customizable RGB backlight and a 180º kickstand.



U2719D MONITOR

Enhance your productivity even further with Dell's 27-inch ultrathin monitor.

IN-THE-VEHICLE



HAVIS VEHICLE DOCK

Outfit your entire fleet of vehicles with a single docking solution for your rugged tablet. A low profile design maximizes available space inside of vehicle.



PMT VEHICLE DOCK

Easy to use auto-latch mechanism ensures tablet is latched simply by placing the tablet in the dock. Designed for easy access to the tablets optional on-board I/O module ports and tethered stylus.



GAMBER-JOHNSON VEHICLE DOCK

Dock your tablet inside the vehicle and keep it safe and connected.

IN THE FIELD



RUGGED TABLET CARRYING ACCESSORIES

Take your rugged tablet anywhere in the field, with lightweight and flexible shoulder straps, durable nylon and rigid handles, and easy-to-use cross-straps and chest-straps.



SCANNER MODULE

Read 1D or 2D barcodes and magnetic stripe cards with the Scanner Module that attaches securely to the back of your rugged tablet.



EXTENDED I/O MODULE

Add two USB 3.0 ports and an Ethernet port with the Extended I/O Module that attaches securely to the back of your rugged tablet.

For full list of accessories, visit *https://www.dell.com/latitude*

Experience a new way to work with Dell Technologies Unified Workspace

Intelligence built in. Modernization built on.

We know that having the right device is just the start to a great workday. Employees need intelligent, intuitive and responsive experiences that allow them to work productively and without interruption. According to research, 1 out of every 4 users would question their job and the company they work for if they had a negative experience with their technology.[1]

Dell Technologies Unified Workspace is transforming the employee experience and ensuring IT has proactive, predictive and automated solutions to deliver on the promise of a modern workday, while simplifying their ability to deploy, secure, manage and support their environment.



DEPLOY

ProDeploy in the Unified Workspace allows IT to move away from traditional, high-touch, manual deployment, and instead, ship devices preconfigured with company apps and settings from the Dell factory directly to their end users—having end users up and working on day one.



SECURE

Dell Trusted Devices provide a foundation to a modern workforce environment with invisible and seamless protection to ensure smarter, faster experiences. End users stay productive and IT stays confident with modern security solutions for the Dell Trusted Device.



MANAGE

Dell Client Command Suite + VMware Workspace ONE offers integrated capabilities that deliver a unified endpoint management experience for IT, enabling them to manage firmware, OS, and apps from one console, while also creating seamless experiences for end users.



SUPPORT

ProSupport resolves hardware issues up to 11x faster than the competition. ProSupport for PCs offers 24x7 access to in-region ProSupport engineers who contact IT when critical issues arise,[2] so you can focus on what's next, not what just happened.

ProSupport Plus helps IT stay a step ahead and virtually eliminate unplanned downtime due to hardware issues. You get all the capabilities of ProSupport, as well as AI-driven alerts to prevent failures and repairs for accidents.[3]

1 ESG Research Report. 2019 Digital Work Survey. December 2019.
2 Based on a Principled Technologies test report, "Spend Less Time and Effort Troubleshooting Laptop Hardware Failures" dated April 2018. Testing commissioned by Dell, conducted in the United States. Actual results will vary. Full report: http://facts.pt/L52XKM
3 Based on a Principled Technologies test report, "Dell ProSupport Plus with SupportAssist warns you about hardware issues so you can fix them before they cause downtime" dated April 2019. Testing commissioned by Dell, conducted in the United States. Actual results will vary. Full report: http://facts.pt/0xvze8. Hardware issues detected by SupportAssist include hard drives, solid state drives, batteries and fans.



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1. Offering may vary by region. Some items may be available after product introduction. For complete details, refer to the Technical Guidebook published on www.dell.com/support.
2. System Memory and Graphics: Significant system memory may be used to support graphics, depending on system memory size and other factors.
3. 4GB or Greater System Memory Capability: A 64-bit operating system is required to support 4GB or more of system memory.
4. Particular versions of Microsoft Windows may not support the full Bluetooth 4.2 functionality
5. Storage Option: GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.
6. TPM is available in selected regions.
7. Computrace: Not a Dell offer. Certain conditions apply. For full details, see terms and conditions at www.lojackforlaptops.com.
8. Please refer to www.epeat.net for specific country registration rating and participation.
9. Limited Hardware Warranty: For copy of Ltd Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see www.dell.com/warranty.
10. Onsite Service after Remote Diagnosis: Remote Diagnosis is determination by online/phone technician of cause of issue; may involve customer access to inside of system and multiple or extended sessions. If issue is covered by Limited Hardware Warranty (www.dell.com/warranty) and not resolved remotely, technician and/or part will be dispatched, usually within 1 business day following completion of Remote Diagnosis. Availability varies. Other conditions apply.
11. Dell Services: Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicedescriptions.
12. For complete listing of declarations and certifications, refer to the Dell Regulatory and Environmental Datasheet found in the Manuals section of Product Support information www.dell.com/support/home/us/en/19.

*The Latitude 7220 Rugged Extreme Tablet is the lightest comparing starting weights and the most powerful when equipped with Intel® i7-8665U vPro™, 16GB RAM, Intel UHD Graphics 620, 2TB PCLe SSD (M.2) and 802.11ax WiFi. Based on Dell analysis of publicly available data, June 2019