LATITUDE 7230 RUGGED EXTREME

The lightest*, most powerful** 12" fully-rugged tablet.

BUILT FOR THE TOUGHEST JOBS
Upgraded with powerful, latest 12th 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 1200 nit 12" FHD touchscreen lets you work even in direct sunlight. Experience faster, more efficient video streaming and file transfers with Wi-Fi 6E connectivity with Dual Band Support. All day productivity is easy with optional dual hot-swappable batteries.

AWARD WINNING SERVICE
Trust that your mission-critical rugged PC is well-protected, with coverage options such as Dell ProSupport Plus. Minimize downtime with premium support options like 24/7 access to the most experienced technicians and Next Business Day On-Site Support.

SECURITY KNOWS NO BOUNDARIES
With an Infrared Camera for Windows Hello facial recognition, contacted and contactless smartcard reader option, fingerprint reader option, plus Dell Data Protection on your rugged tablet, you have security built into your system from the get-go, wherever you are.

* Based on Dell internal analysis, comparing the starting weight of Latitude 7230 Rugged Extreme, with the starting weight of competitor 12" fully-rugged tablets, using published data available as of April 2022.
** Based on Dell internal analysis of CPU+Storage+Memory+Graphics+WiFi Standard specs on fully-rugged tablets comparing the Dell Latitude 7230 Rugged Extreme Tablet to the Panasonic Toughbook 33 and Getac F110, using published data available as of April 2022.
The lightest*, most powerful** 12” fully-rugged tablet.

- Designed and tested to work in the world’s harshest environments.
- Ideal for manufacturing, field services, transportation, government and public safety organizations.
- Tested to MIL-STD 810H specs for optimal field durability.
- EPEAT® Gold certified environmentally sustainable rugged tablet.

The biggest screen area*** in a 12” fully rugged tablet for optimal interactivity, even in the harshest environments. True 12" 16:10 aspect ratio screen with 13% more† active screen area. Glove touch capable and 1200 nit direct-sunlight-viewable.

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† Compared to the active screen area in Latitude 7220 Rugged Extreme Tablet.
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Optional top bay configuration.
Choose between: RJ-45, barcode scanner, mini-serial port or Fischer port.

Power button with optional fingerprint reader saves space and lets you log in with one touch.

Optional Smartcard reader (SCR) slot.
Choose between: contacted SCR, contactless SCR or No SCR.

Rear camera, shutter door and flash.
11M RGB camera.

VESA 75x75 mount points for mounting accessories like the Dell Rotating Hand Strap or Dell Magnetic Mount.

Optional removable SSD.
2230 PCIe/NVMe up to 2 TB.

Two Thunderbolt™4 USB Type-C ports for faster transfer speeds, charging and video output over a single connection.

Battery status button and LED charge lights.

Dual hot swap batteries.
35.6 Wh (750 Wh/L) Express Charge or Long Lifecycle.

Battery latch knob.

Passive stylus slot.

See important information on last page
Dell Optimizer
We make it intelligent. You make it yours.

Dell Optimizer revolutionizes the way you work by fueling the world’s most intelligent business PCs****. It is a business, AI-based optimization software that learns and responds to the way you work and designed to automatically improve application performance, battery runtime, audio settings and privacy - all in the background while you're working.

**** Based on internal analysis, January 2022. Dell Optimizer available in 2020 devices and beyond, not available in OptiPlex 3000 series, Latitude 5310 2-in-1, and Latitude Chromebook Enterprise. Feature availability and functionality vary by model and platform. For more information, visit www.dell.com/optimizer.

Elevate your rugged experience
Dell Optimizer for Rugged empowers high-end users with ExpressResponse\(^1\) for performance optimization of storage-heavy apps. It also analyzes how you use your preferred apps\(^2\) to boost performance.

Extended power
ExpressCharge\(^3\) analyzes your power usage habits to improve PC battery utilization. It extends run times and charges your system faster when you need a boost in power.

Unmatched connectivity
ExpressConnect\(^4\) provides the world's first simultaneous multi-network connection for faster data and video downloads\(^5\). It also enables joining the best network\(^6\) available.

Be heard in the field
In busy, noisy environments, Intelligent Audio\(^7\) enhances your audio quality - optimizing and enhancing microphone and speaker performance for clearer, louder and fuller sound.

Simplified manageability
Elevate work experience with an easy-to-manage application that provides a seamless experience for both end-users and IT decision-makers.

No telemetry data is sent without explicit consent
AI and machine learning gather and analyze data locally on the system. Data is only sent to help Dell understand if the app is working appropriately.

See important information on last page
RECOMMENDED ACCESSORIES

Premium Keyboard - SWT-KBD
Increase productivity with this IP-65 rated keyboard that is completely sealed off from the elements.

Rotating Hand Strap - SWT-ROTHS
Use the 360-degree rotating hand strap to fasten your tablet to your wrist, or deploy it as a kickstand.

Active Pen - PN720R - SWT-APEN
Write and draw naturally with this responsive, IP-55 rated active pen.

Rigid Tablet Handle - SWT-HNDL
Reversible, removable handle with angled design makes it easy to reach the controls in the tablet's configurable bay.

Shoulder Strap - SWT-SHSTP
Ergonomic strap that attaches to the corner tethers of your tablet for enhanced portability.

Magnetic Mount - SWT-MAGMO
Mount your tablet instantly to any metal surface with a powerful VESA magnetic backplate.

Flexible Handle - SWT-FLXHD
Flexible, high-performance handle with fully cleanable materials.

Mobile Stand - SWT-STND
Dock your tablet with this foldable, lightweight stand.

Passive Pen - SWT-STLS
Draw, write and highlight in any environment with this sturdy pen.

Mobile Battery Charger - SWT-MBC
Charge your hot swappable batteries using this dual bay charger, with optional wall mount.
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RUGGED EXTREME

FEATURE |
MODEL NUMBER |
7230 Rugged Extreme (Tablet)

PROCESSOR OPTIONS* |
12th Gen Intel® Core™ i5
12th Gen Intel® Core™ i7
12th Gen Intel® Core™ i9

OPERATING SYSTEM* |
Microsoft® Windows 11 2021H2 Pro
Microsoft® Windows 11 2021H2 Pro
Microsoft® Windows 10 2021H2 Pro (11 License)

MEMORY OPTIONS** |
8 GB LPDDR5 5200MHz integrated
16 GB LPDDR5 5200MHz integrated
32 GB LPDDR5 5200MHz integrated

CHIPSET* |
Intel® ADL-P PCH

INTEL RESPONSIVENESS TECHNOLOGIES® |
Intel® Rapid Storage Technology

GRAPHICS* |
Intel Iris® Xe Graphics (Integrated) for i5
Intel UHD Graphics (Integrated) for i7

DISPLAY* |
121" 16:10 FHD (1920 x 1200) @ 60 Hz, sRGB 100%, Water/Glove-Capable Touchscreen, Anti-Glare and Anti-Smudge, Polarizer, Corning® Gorilla® Glass, 2000 NIT Outdoor-Readable, Active Pen Support, Passive Pen Support

STORAGE* |
Primary Drive Options:
SSD M.2 2280 PCIe/NVMe Class 35 256 GB
SSD M.2 2280 PCIe/NVMe Class 35 512 GB
SSD M.2 2280 PCIe/NVMe Class 35 1 TB
SSD M.2 2280 PCIe/NVMe Class 35 2 TB (Coming soon)
SDD M.2 2230 PCIe/NVMe Class 35 256 GB

SECURITY** |
TPM 2.0 FIPS-140-2 Certified / TCG Certified
Control Vault 3 Advanced Authentication with FIPS
140-2 Level 3 Certification
FIPS (Federal Information Processing Standards)
140-2 certification for TPM
Fingerprint Reader with Control Vault 3
Contacted Smart Card and Control Vault 3
Self Encrypting Drive (SED), Opal 2.0 only - PCIe Interface
Battery Removal Detection
RPM/SPI Flash Tamper Detection/Prevention Shunt Circuit
Wedge-shaped lock slot
(200000 cycles)
Wedge-shaped lock slot
(50000 cycles)

DIMENSIONS & WEIGHT |
Width: 203.00 mm / 7.99"
Height: 136.00 mm / 5.35"
Depth: 22.10 mm / 0.87"

REGULATORY AND ENVIRONMENTAL COMPLIANCE** |
Regulatory Model: T06H
Regulatory Type: T06H001
Energy Star 8.0, EPEAT® Gold
MIL-STD-810H testing*: Transit drop (48") / (122cm); single unit, blowing rain, blowing dust, blowing sand, vibration, functional shock, humidity, salt fog (with rubberized keyboard), altitude, explosive atmosphere, solar radiation, thermal shock, freeze/thaw, tactical standoff to operational
Operating thermal range*: -20°C to 54°F (-4°C to 12°C)
Non-operating range: -60°F to 160°F (-51°C to 70°C)
IEC 60529 ingress protection**: 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-481F

INPUT* |
3-5 year Dell ProSupport and ProSupport Plus contracts
1.0 or later

SENSORS |
Hall Sensor, Gyroscope, eCompass/Magnetometer, Accelerometer (free fall), Ambient Light Sensor, Proximity Sensor (SAR)

SYSTEMS MANAGEMENT |
Dell Power Manager 3.1 or later
Dell Command | Monitor 10.8 or later
Dell Command | Update 6.2, Dell Command | Integration Suite for System Center
Dell Command | PowerShell Provider 2.6 or later
Dell Command | Deploy Driver Pack Catalog
Dell Command | After Remote Diagnosis

WARRANTY AND SERVICE*|
Limited Hardware Warranty*: Standard 3 year Mail-in Service** after Remote Diagnosis**, optional
3-5 year Dell ProSupport and ProSupport Plus contracts** and optional Next-Business-Day Service available**

PERIPHERAL ECOSYSTEM* |
Dell Premium Keyboard, Dell Rotating Hand Strap, Dell Active Pen - PN720R (Sold separately)
Rugged 7230 Tablet Water/Glove-Capable Touchscreen
Dell Rugged Active Pen - PN720R (Sold separately)
Rugged 7230 Tablet Keyboard (Sold separately)
Dell Shoulder Strap, Dell Magnetic Mount, Dell Flexible Handle, Dell Mobile Stand, Dell Passive Pen, Dell Mobile Battery Charger
Additional Dell and third-party accessories available
Product Disclosures:

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† Compared to the active screen area in Latitude 7220 Rugged Extreme Tablet.

1 ExpressResponse must be enabled in the Applications feature. Dell Optimizer learns how user uses the selected application(s) over several hours. Based on Dell testing using Sysmark 2018 benchmark on a Latitude system running productivity applications; and using performance evaluation benchmarks on Precision mobile workstations running ISV applications, March 2020. Improvement will vary based on product configuration, use, application and other factors.

2 User must input preferred apps first in order for them to be analyzed.

3 ExpressConnect available with Dell Optimizer software version 2.0 and onwards. Download the latest at https://www.dell.com/support/home.

4 Disclaimer: Simultaneous multi-network connection (or Connection based teaming) is a new connectivity feature under ExpressConnect. It simultaneously sends and receives data and video traffic using two wired or wireless connections. Based on Dell internal analysis.

5 Best network selection based on signal strength, channel congestion, router type and others. Network suggestions based on user credentials.

6 Wi-Fi ExpressConnect’s optimized internet bandwidth. Based on testing performed by Dell Labs in June 2020, comparing performance with ExpressConnect enabled and disabled. Actual results may vary; testing results do not guarantee performance under test conditions. Subject to service provider’s broadband subscription and coverage area; speeds may vary. Additional charges will apply. Contact your service provider for details.

7 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.

8 System Memory and Graphics: Significant system memory may be used to support graphics, depending on system memory size and other factors.

9 4GB or Greater System Memory Capability: A 64-bit operating system is required to support 4GB or more of system memory.

10 Particular versions of Microsoft Windows may not support the full Bluetooth 5.2 or 5.3 functionality.

11 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.

12 TFM is available in selected regions.

13 Please refer to www.epeat.net for specific country registration rating and participation.

14 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.

15 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.

16 Dell Services: Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicesdescriptions.

17 For complete listing of certifications 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.

18 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 -4°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.