



HARDWARE TECHNICAL SPECIFICATIONS

2023

CCL Solutions Group

BASE UNIT

DELL Latitude 7220 Rugged Extreme Tablet

PLATFORM SPECIFICATIONS



Processor: Intel Core i7 -8665U



Memory: 16GB 2133 MHz LPDDR3 Memory



Storage: 1TB PCIe NVMe Class 40 SSD
Option upgrade: 2TB NVMe SSD



Display: 11.6" FHD (1920x1080) 16:9 Direct-View outdoor-readable display with gloved multi-touch AG/AR/AS/Polarizer and Gorilla Glass



Battery: 2-cell (34Wh) Lithium Ion Primary Battery
2-cell (34Wh) Lithium Ion Secondary Battery



Power Options: 45W 4.5mm AC Adapter (3-prong)



Operating System: SPEKTOR Forensic Intelligence
Optional O/S: Dual Boot Microsoft Windows 10 Pro 64 Bit



Graphics: Intel® Integrated HD Graphics



IO Ports: 3 x USB 3.2 Gen 2 Type A
1 x USB 3.2 type-C) Gen 2 supports power and display
1 x Universal Audio Jack. 1 x Micro-SD slot



Network: 1 x 1Gb RJ-45 NIC
Qualcomm QCA61x4A 802.11ac Dual Band (2x2) Wireless Adapter+
Bluetooth 4.1



Security: TPM 2.0, ControlVault™ advanced authentication, Dell Security Tools, Dell Data Protection I Encryption, Contactless SmartCard reader, optional fingerprint reader and SmartCard reader. NIST SP800-147 secure platform



Docking: ¹

Optional Rugged Tablet Desk Dock, Optional Rugged Tablet Vehicle Dock



Multimedia:

Integrated front and rear cameras with built-in privacy shutter



Dimensions:

Dimensions: (WxDxH) 12.52" x 8.0" x 0.97" (318 x 203 x 25 mm)



Weight:

Starting at 2.82 lbs. (1.3 kg) with single 2-cell battery



Environmental:

MIL-STD-810G, IEC 60529 ingress protection: IP-65,
Operating range: -20°F to 145°F (-29°C to 63°C);
Non-operating: -60°F to 160°F (-51°C to 71°C)



Optional Accessories:

- Rugged Tablet Dock
- Rugged Keyboard Cover with Kickstand
- Shoulder Strap
- Rugged Handle
- Rugged Battery Charger
- External Optical Drive



IMAGING PERFORMANCE

SPEKTOR Ultra Tested 20/08/2018

Device	Speed
Crucial M4 120GB SSD	15.6 GB/min (via USB 3.0)
Sandisk Extreme 64GB USB3.0 Stick	15.2 GB/min
Kingston 4GB MicroSD Card	2.4 GB/min
Kingston 4GB SDHC Card	2.7 GB/min
Samsung 500Gb T5 USB-C	26.4 GB/m
Computer with 500Gb NVME installed	202 GB/m

¹ Available only with optional Microsoft Windows 10 Pro 64 Bit. Offering may vary by country and by configuration

CCL
SOLUTIONS
GROUP 