

Leica CSX8

Rugged Android Tablet



Rugged and ready

The durable design of the CSX8 withstands drops up to 1.5m on marble (IEC 60068-2-31), waterproof spray (IPx6), water submersion (IPx8) and dust (IP6x). The ergonomic design makes it easy to grip, with clear graphics even in bright light. A tough tablet for tough conditions.

Connected

Connect to sensors, platforms and support networks with LTE-enhanced long-range Bluetooth and fast 5G internet. Communicate with the office while in the field, plus collect and easily transfer data for a fully connected GIS and survey workflow.

Work worry-free

Stay connected within the world of Leica Geosystems with our trusted service and support network. Focus on data collection while we keep you running.

We are just one call away.

leica-geosystems.com



- when it has to be **right**

Leica
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Leica CSX8

TECHNOLOGY

Operating System:	Android 12 including Google Mobile Services (Android 14 Update scheduled for Q3/2025)
CPU Platform:	Qualcomm SM4350AC Octa-Core 2.2 GHz
RAM:	8 GB (LPDDR4x)
Data Storage:	256 GB (UFS 2.2)
Display:	8" widescreen WUXGA, 1920x1200 resolution, 500 Nits, Sunlight readable, Corning Gorilla Glass 5, 10-finger multi-touch and USI 2.0 active stylus support
Keyboard & Buttons:	14 physical buttons, dedicated touch-screen lock button, On-screen soft keyboard, 6 multi-functional user and software definable buttons
I/O Ports:	1x USB 2.0 Type A (OTG), 1x USB 3.2 Type C (OTG)
GPS	Dual frequency GNSS supporting Beidou, Galileo, GLONASS, NavIC, GPS, QZSS
Camera	8MP Fixed Focus Front Camera, 32MP Auto Focus Rear Camera with dual Flash
Additional sensors	Gyroscope, Compass, Accelerometer

COMMUNICATION

Bluetooth®	5.1
Wi-Fi	802.11 a/b/g/n/ac
CELLULAR	WCDMA: B1/B2/B5/B8 LTE-TDD: B38/B40/B41 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B20/B25/B28 5G FR1: N1/N3/N20/N28/N41/N77/N78/N79

POWER MANAGEMENT

Battery	Replaceable Lithium-Ion 8200 mAh
Operating time	Up to 15 hours

PHYSICAL SPECIFICATIONS

Size	250 mm x 156 mm x 19.5 mm
Weight	730g with Battery

ENVIRONMENTAL SPECIFICATIONS

Water and dust	IP66 / IP68
Operating temperature range	-20°C to 60°C
Storage temperature range	-40°C to 70°C
Drop	1.5 m drop resistant
Transit Drop	MIL-STD-810H Method 516.8 Procedure IV
Low Pressure Altitude	MIL-STD-810H Method 500.6 Procedure I & II
Blowing Rain	MIL-STD-810H Method 506.6 Procedure I
High Temperature	MIL-STD-810H Method 501.7 Procedure I & II
Random Vibration	MIL-STD-810H Method 514.8 Procedure I & II
Low Temperature	MIL-STD-810H Method 502.7 Procedure 1 & II
Temperature Shock	MIL-STD-810H Method 503.7 Procedure I
Sand and Dust	MIL-STD-810H Method 510.7 Procedure I & II
Humidity	MIL-STD-810H Method 507.6 Procedure II
Solar Radiation Test	MIL-STD-810H Method 505.7 Procedure I

OTHER CERTIFICATIONS

Waterproof Submersion IPx8 IEC 60529:2013 at least 1.5m depth for 1 hour
Waterproof Spray IPx6 IEC 60529:2013
Dust (sand) IP6x IEC 60529:2013
Drop IEC 60068-2-31 1.5m on marble

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