# Leica CS25 plus
## Ultra-rugged tablet computer
### Datasheet

### State of the art technology
The Leica CS25 plus is equipped with state of the art technology, running a Windows® 7 Ultimate OS allows you to trade in your desktop PC for a rugged tablet, having it with you wherever your work is.

- 17.8 cm/7 inch sunlight readable touchscreen
- New 128 GB SSD hard drive, eliminating internal moving parts
- Integrated GPS, 3.75G modem, WiFi
- Ultra-rugged design, with All-day-batteries, easily hot-swappable

### Improvements in the CS25 plus
- New Dual-Core processor @ 1.6GHz
- Camera upgrade to 5 MP with autofocus
- Doubled RAM size (4 GB) and disk space (128 GB)
- New LAN Gigabit Ethernet
- Improved integrated GPS antenna for better positioning
- New SD Card expansion slot (supports SDXC) to extent the existing 128 GB SSD flash storage up to additional 2 TB
- Improved 3G Antenna performance with two integrated GSM antennas

### Designed for versatility
Integrate your Leica tablet computer into the Leica family of mobile solutions. Choose the field software, GNSS accuracy and the setup (pole or backpack) to suit your workflow and budget.

- Ready-to-use with Leica Zeno Field, Zeno Connect and Leica MobileMatrix
- Ready-to-use with the Leica GNSS SmartAntenna – the Leica Zeno GG03
- Use Leica Zeno Connect to embed custom applications into Leica CS25 and Leica Zeno GG03
- Same accessories as for the Leica CS25

- when it has to be right
Leica CS25 plus

Technical Specifications

Leica CS25 plus

Technology

Processor & Memory
- Intel Ultra Low Power N2600 1.6 GHz Dual Core processor with 4 GB DDR3 RAM

Data Storage
- 128 GB SSD solid state hard drive
- Secure Digital™ (microSD) Card and MultiMediaCard™ (MMC) slot (support SD specifications v1.0/v1.1/v2.0/SDHC (up to 32 GB), compatible with SDXC (up to 2 TB), support MMC specification v3.x/v4.0/v4.1/v4.2)

Operating System
- Microsoft Windows 7 Ultimate

Screen
- 7" widescreen 1024x600 resolution TFT LCD MaxView™ sunlight readable resistive touchscreen display

Keyboard & Buttons
- Power key
- Menu key (controls brightness, volume, battery status, WiFi & BT On/Off, and 3G On/Off)
- 4+1 Navigation keys (Left, Right, Up, Down, OK for Enter)
- 3x user programmable hotkey buttons that control up to 6 functions
- On-screen QWERTY soft keyboard

Security
- Trusted Platform Module (TPM) chip

I/O
- 2 x USB 2.0 port (one fully waterproof, even when the latch is open)
- 1 x 9-pin serial RS-232 port (fully waterproof, even when the latch is open)
- 1 x LAN (Gigabit ethernet)
- 1 x DC power port
- Docking connector (contact pin type)
- 1 x SDXC card slot: capacity up to 2 TB
- Audio out
- 1 x Microphone
- Audio integrated (one speaker)

Communication

Integrated communication modules
- Wireless LAN 802.11 b/g/n
- WWAN GoBy™ 3000, supporting the following RF bands:
  - HSDPA/UMTS: 800/850/900/1900/2100 MHz
  - Quad-band EDGE/GPRS/GSM – 850/900/1800/1900 MHz
  - Dual-band EV-DO – 800/1900 MHz
  - 2 integrated 3.5G antenna (Main & Diversity)

Integrated GPS
- Integrated uBlox GPS (50 channels), WAAS/EGNOS capable 1, GPS real-time accuracy (WAAS, EGNOS): 2 – 5 m

Integrated Camera
- 5 Megapixel camera with Autofocus + LED light

Standard Software
- AirCard Watcher
- uCenter for configuration and control of the uBlox GPS
- Internet Explorer

Power Management

Batteries
- Dual hot-swapable Li-Polymer battery pack, 5200 mAh each

Power
- Input: 120 – 240 VAC, 50 – 60 Hz, 12 VDC output

Operating & Storage Time
- 8 h / Battery shelf-life while in “off” : > 90 day discharge

Physical Specifications

Size
- 144 mm (5.56") x 242 mm (9.5") x 40 mm (1.57")

Weight
- 1.3 kg (2.9 lbs) including all-day batteries

Sand & Dust
- IP5X, MIL-STD-810G

Water
- IP5X, MIL-STD-810G

Altitude
- 4572 m (15,000 ft) at 5 °C (77 °F)

Operating temperature range

Storage temperature range

Humidity
- MIL-STD-810G, Method 507.4, 90% RH temp cycle 0 °C/70 °C

Drop
- MIL-STD-810G 4ft drop, free to concrete (26 drops from 1.22 m (4 ft) MIL-STD-810G, Method 516.5, Procedure IV)

Vibration
- MIL-STD-810G, Method 514.5 Procedures I & II, General minimum integrity and the more rigorous loose cargo test

Accessories and Optional Features

Accessories
- External battery charger, backpack kit, hard carry case, 12V vehicle charger, pole mount solution, anti-glare screen protectors, additional 5200 mAh battery

Optional Field and Office Software
- Leica Zeno Field, Leica MobileMatix, Leica Zeno Connect, Leica Zeno Office and Leica Zeno Office on ArcGIS

Optional GNSS Sensors
- Leica Zeno CG03

Additional Information

1 WAAS available in North America only, EGNOS available in Europe only
2 May vary due to atmospheric conditions, multipath, obstructions, signal geometry and number of tracked satellites.
3 In continuous field operation mode, may vary with temperature, battery age etc.

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