

Press Release

April 13th, 2018 – Paris

Fieldbook N80

LOGIC INSTRUMENT introduces a new rugged, compact and powerful tablet, running Google Android 8.1

LOGIC INSTRUMENT, the European leader in mobile solutions for businesses and hostile environments, announces the launch of a new hardened tablet within its Fieldbook range, acclaimed for its ergonomics, performances, ease-of-use. This new model, the Fieldbook N80, combines a compact design, multiple resources, through a high-end hardware and software configuration, with enhanced robustness. Available this summer at €499.99, this tablet is an indispensable tool for professionals seeking versatility and security, especially to perform their work in areas at risk.



Compact design

In its condensed (235mm x 146mm x 13mm) and lightweight (560g) casing, the Fieldbook N80 tablet can be used and transported out on the field.

Multiplied resources

The Fieldbook N80 tablet features an octo-core processor, supported by 3GB of RAM and 32GB of internal storage, expandable up to 128GB with a Micro SD card. In addition to managing multiple tasks simultaneously, it allows storage of many 3D drawings, research photos, control videos, and GIS location information.

Its 8,000 mAh battery can be replaced on the field without using any tool facilitating strategic operations that cannot suffer interruption.

Its buttons are configurable to simplify tasks and ensure team productivity in extreme conditions.

Its 8-inch HD screen, ideal for most applications, with minimal scrolling, offers a brightness of 450Nits, for good readability of documents outside, including in direct sunlight.

The N80 Fieldbook tablet supports multiple 4G LTE frequencies, including Band 28, 700MHz, Bluetooth and WiFi 802.11ac connectivity.

It sports a 16 MP rear camera and a 5 MP front camera for clear pictures and videos, ideal for conducting inspections.

It also includes a dedicated GPS module for precise location, essential for field surveys.

It is powered by Google Android 8.1 (Oreo), which provides optimized resource utilization, superior security layers, and maximized power control.

Robustness

The Fieldbook N80 tablet is IP67 certified to withstand falls of more than 1.2 meters as well as rain, humidity, vibration, shock and extreme temperatures from -20°C to +60°C (operation) and from -30°C to +70°C (storage).

LOGIC INSTRUMENT also offers the ability to customize the fleets of Fieldbook N80 models (with special configurations) and offers bespoke accessories corresponding to the desired uses (docking stations, vehicle mounts, support straps, etc.).

About LOGIC INSTRUMENT

Founded in 1987, LOGIC INSTRUMENT develops and markets tablets, smartphones and laptops for businesses and hostile environments, running Google Android and Microsoft Windows operating systems. LOGIC INSTRUMENT operates on all continents via its various subsidiaries. LOGIC INSTRUMENT is listed on Alternext Paris (ALLOG).

Website: www.logic-instrument.com.

Press contact

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Main Technical Specifications Fieldbook N80

Hardware:

CPU: Qualcomm® MSM8940 @1.4 GHz
GPU: Qualcomm® Adreno™ 505
RAM: 3GB
ROM: 32GB (expandable via Micro SD card)

Screen:

Size: 8 inches
Technology: IPS
Resolution: 1280 x 800 (HD)
Light: 450Nits
Protection: Corning® Gorilla® Glass 3

Software:

Operating system: Google Android 8.1 (Oreo)
Applications store: Google Play
Internet browser: Google Chrome
Google applications preloaded: Gmail, Calendar, Hangouts, Maps, Play Music, Play Movies

Wireless connections:

4G FDD-LTE B1/B3/B4/B5/B7/B8/B17/B20/B28
4G TDD-LTE B38/B39/B40/B41
WCDMA B1/B2/B5/B8
GSM 850/900/1800/1900
WiFi 802.11 a/b/g/n/ac – 2.4GHz / 5GHz
Bluetooth 4.1
GPS
NFC

Photo:

Back camera: 16 MP (Sony sensor)
Front camera: 5 MP

Battery:

8,000 mAh, removable
Qualcomm® Quick Charge™ 3.0

Ports and sensors:

2 Nano SIM slots
Micro SD slot
Waterproof USB Type C
Coaxial connector for external GPS antenna
POGO port for accessories
2 configurable buttons
Speaker
Microphone
G sensor
Gyroscope
E compass
Light sensor

Robustness:

Certification IP67
Drop test: 1.2 meter
Work temperature: -20°C to +60°C
Storage temperature: -30°C to +70°C

Dimensions:

235mmx146mmx13mm

Weight:

560g