

XN2520

Rugged Laptop

Power, durability and connectivity in a single device

The Pos & Office XN-2520 is a rugged notebook designed to withstand the most demanding environments without compromising performance. Equipped with a powerful Intel Core i7 1255U processor up to 4.7GHz, 32GB of DDR5 RAM, and up to 1TB SSD storage, it delivers a smooth and fast experience for any task, even in extreme conditions.

Its 14" FHD touchscreen with 1000 nits of brightness and Corning Gorilla Glass protection is ideal for outdoor use, even with gloves. The MIL-STD-810H and IP65-certified housing ensures resistance to dust, water, and drops of up to 1.2m to concrete.

It includes Windows 11 Pro, a 5MP front-facing camera, a backlit keyboard, and multiple ports: USB Type-C with Thunderbolt 4, HDMI, RS232, dual RJ45, a SIM slot, an SD card reader, and more. Its advanced connectivity includes Wi-Fi 6, Bluetooth 5.1, GPS, and optional 4G or 5G modules, allowing you to stay productive on the go.

With a dual battery—one internal and one hot-swappable—it offers more than 7.5 hours of battery life, ideal for extended work days in the field, industry, or logistics.

Robust, versatile and ready for action: the XN-2520 redefines professional mobility.



- Intel Core i7
- 5G - 4G - Wi-Fi - BT - GPS
- IP65 Certified



Technical Specifications

PERFORMANCE

Processor
Intel Core i7 1255U, up to 4.7Ghz
GPU
Intel® Iris® Xe Graphics
Operating System
Windows 11 Pro
Memory
32GB DDR5 RAM
Storage
256GB/512GB/1TB SSD
Screen
14" FHD 16:9 1920x1080p
Brightness
1000 nits
Touch panel
Optional: 10-point capacitive
Corning Gorilla Glass, resistance
greater than 7H
Supports use of gloves
Keyboard
Full keyboard, with backlight
Camera
5MP Front
Interfaces
1x HDMI 2.0a mini
1x USB 3.2 Type-A
1x USB 3.0 Type-A
1x USB 2.0 Type-A
1x USB Type-C (Supports Thunderbolt 4)
1x SIM slot
1x SD Reader
1x DB9 RS232
1x RJ45 10/100/1000 Adaptive
1x RJ45 10/100/1000 Adaptive, supports Gigabit protocol
1x Dual Ø3.5mm standard headphone and microphone connector
1x DC 19V 3.78A
1x Kensington slot
Speaker
2x 4Ω / 3W integrated
Microphones
1x Internal microphone

WIRELESS

COMMUNICATIONS

WWAN (optional)
Option 1 - 4G Module
GSM: B2/B3/B5/B8
WCDMA: B1/B2/B5/B8
LTE-TDD: B40
LTE-
FDD:B1/B2/B3/B4/B5/B7/B8/B17/B20/B28a/B28b
Option 2 - 5G Module
WCDMA: B1/B2/B3/B4/B5/B6/B8/B19
LTE-TDD:
B34/B38/B39/B40/B41/B42/B43/B48
LAA: B46
LTE-FDD:
B1/B2/B3/B4/B5/B7/B8/B12(B17)/B13/B14 /
B18/B19/B20/B25/B26/B28/B29/B30/B32/B66/B71
5G NR:
n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/n48*/
n66/n71/n77/n78/n79
WLAN
Wi-Fi 6AX
2.4G+5.8G dual frequency, Wi-Fi 802.11 (a/b/d/e/g/h/i/k/n/r/u/v/w/ac/ax)
WPAN
Bluetooth 5.1 Low Energy
GPS
Supports GPS

PHYSICAL

CHARACTERISTICS

Dimensions
363.2mm x 287.4mm x 42.1mm
Weight
2.98Kgs
Color
Black

DATA CAPTURE

NFC (optional)
13.56MHz
Supports ISO/IEC
14443A/B/15693/18092 protocols
Card reading distance: 4cms

ENERGY

Battery
Integrated
Lithium Ion 11.1V 1300mAh, non-removable
Major
Lithium Ion 11.55V 4850mAh, rechargeable, user-replaceable
Supports Hot Swap
Estimated duration
7.5 hours
Energy
Input: AC100V ~ 240V 0.5A 50/60Hz
Output: DC 19V/3.78A/71.82W

ENVIRONMENTAL

Operating temperature
-20 to 60°C
Storage temperature
-30 to 70°C
Humidity
5% to 95% (non-condensing)
Drop specification
Withstands multiple drops of up to 1.2 meters onto concrete at room temperature
Certifications
IP65
CE
UN3803
MIL-STD-810H

