OPTOKON ®
Elektronik

FIBER OPTIC TEKNOLOJI
KALİBRASYON LABORATUVARI

OPTOKON Elektronik Limited Şirketi
Peksimet Mah. 5555 Sk. No: 8/1
Bodrum, Muğla / Turkey

OPTOKON Elektronik Rugged Notebook

OERN-15L

For Defence
&
Heavy Industry

Performance

- ·11th Gen$^®$ Intel$^®$ CoreTM i5/i7 processor
- ·New Intel Iris$^®$ X^e core graphics card
- ·Support Windows 10 OS, Optional Windows 11 OS

Function

- 15.6-inch FHD
- Rich interfaces and extended function can meet various needs
- 6300mAh/7.4V+1750mAh/7.4V dual battery, Large battery support hot-swappable

Reliability

- Press fingerprint identification
- IP65 high protection level, 1.22m fall resistant ·In accordance with MIL-STD-810G

Communication

- High speed Wi-Fi 6
- Support M.2 interface 5G/4G selection ·Bluetooth 5.1 for higher transfer speeds

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Specification:

Basic Parameters

Dimension	407 x 305.8 x 45.5mm
Weight	device unit 3300g
Device Color	black
LCD	15.6 inch FHD 16:9, 1920x1080, 700nits
Touch Panel	NA
Camera	Front 2.0MP
I/O	HDMI x 1, POGO 5pin x 1, USB 2.0 Type–A x 1, USB 3.0 Type–A x 3, SIM Card x 1, SD Card x 1, DB9 RS232 x 1, RJ45 x 2, Φ3.5mm standard earphone jack x 1, DC 19V 3.42A x 1 Passenger transfer card PCIE X4 solt or HDD x 1 (Optional)
Power	AC100V ~ 240V, Output DC 19V/3.42A/65W

Battery (Built-in)

Capacity	7.4V/1750mAh
Type	Built in Li_polyment,battery loadable
Endurance	0.5hrs (Default 50% volume, default 200 nit, Play 720P HD video)

Battery (Hot-swappable)

Capacity	7.4V/6300mAh
Type	Li_polymment, removeable battery
Endurance	6.5hrs (Default 50% volume, default 200 nit, Play 1080P HD video)

Performance parameter

CPU	Intel® Core™ i5–1135G7/i7–1165G7
OS	Windows 10, Optional Windows 11
RAM	8GB/16GB
ROM	256GB/512GB/1TB

Communication

WIFI	WiFi 6, 802.11a,b,d,e,g,h,i,k,n,r,u,v,w,ac,ax
Bluetooth	BT5.1
2G/3G/4G (Optional)	LTE–FDD: B1/B3/B5/B7/B8/B20 LTE–TDD: B40 WCDMA: B1/B5/B8 GSM: B3/B8
5G (Optional)	5G NR: n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/ n38/n40/n41/n48*/ n66/n71/n77/n78/n79 LTE–FDD: B1/B2/B3/B4/B5/B7/B8/B12(B17)/B13/B14/ B18/B19/B20/B25/B26/B28/B29/B30/B32/B66/B71 LTE–TDD: B34/B38/B39/B40/B41/B42/B43/B48 LAA: B46 WCDMA: B1/B2/B3/B4/B5/B6/B8/B19
GNSS	Built–in GPS, Optional GPS+Beidou

Reliability

Operate Temperature	–20 ℃ ~ 60 ℃
Store Temperature	–30 ℃ ~ 70 ℃
Humidity	95% Non–Condensing
Rugged Feature	IP65 certified, MIL–STD–810G certified
Drop Height	1.22m

Fingerprint	SPI fingerprint (power on login)
NFC	Optional