



SD100 Orion Plus

Touch Panel Computers



10" screen



1D & 2D



5G



9,000 mAh



Android 11



Bluetooth 5.1



Camera



GPRS



IP65



Laser aimer



Location



Megapixel



NFC



SD



Touchscreen



USB-C



Warranty 2 Years



WIFI Dual Band



Features

Supports.
1D and 2D barcodes.

Software.
Built on Android 11 GMS (AER).

Touch screen.
10.0 inch (1920 x 1200) 5 point capacitive touch screen.

Processor.
Octa core 2.2 GHz CPU.

Memory.
4GB RAM and 64GB Flash memory.

Offers.
WiFi 802.11 a/b/g/n/ac (2.4GHz & 5GHz), Bluetooth 5.1, GPS, camera, NFC, GSM, WCDMA.

Accessories.
Support hand strap for ease of use. Optional charging cradle and vehicle cradle.

2 Years Full Warranty

TECHNICAL SPECIFICATIONS

SD100 Orion Plus

Data Capture

1D	All major 1D symbologies
2D	All major 2D symbologies

Performance

Current Operating System	Android 11, GMS, Android Enterprise Recommended (AER)
Memory Flash	64GB

Memory RAM	4GB
Processor	2.0 GHz octa-core

Physical

Audio	Front dual stereo speakers, Volume 90db±3db (test distance 10cm)
Audio Jack	3.5mm earphone jack
Battery Type	9000 mAh
Dimensions	254(W) x 176(D) x 17.4(H) mm
Display/Touch Panel	10" (1200 x 1920), IPS highlight screen, 5 points capacitive touchscreen
Expansion Slot	1 SD card slot
Expected Battery Life	Typical working time not less than 10 hours
Expected Charge Time	Fast charging, full charging time <4 hours
Front camera	5 MP
Interfaces	USB-C
Keypad	12 keys
Notifications	LED, Vibration, Sound
Rear camera	13 MP, Auto focus, High brightness LED flash
Sensors	G-sensor, Proximity sensor, Ambient light sensor
SIM/TF	2 Micro SIM card
Touch Panel	5 points capacitive touchscreen
Weight	800 g (with battery)

Wireless

GPS	GPS, BD, GLONASS
NFC	ISO14443A/B , ISO15693
NFC: Reading Distance	0 to 5 cm
WLAN RADIO	IEEE 802.11 a/b/g/n/ac 2.4G 5G dual frequency
WPAN RADIO	Bluetooth 5.1 BLE
WWAN RADIO	FDD-LTE B1/B3/B5/B7/B8, TDD-LTE B38/B39/B40/B41, TDSCDMA B34/B39, WCDMA B1/B2/B5/B8, GSM B2/B3/B5/B8, CDMA 1 x/CDMA2000 BC0/BC1

Environmental

Drop	1 m
Electro Static Discharge (ESD)	±8 kV (contact discharge), ±15 kV (air discharge)
Humidity	5% to 90%
IP Rating	IP65
Operating Temperature	-20°C to 55°C (-4°F to 131°F)
Storage Temperature	-30°C to 70°C (-22°F to 158°F)

Certifications

Certifications Hardware	CCC, CE
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Warranty

Warranty Standard	2 Years
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Accessories

Accessories Optional

Charging cradle, Car cradle

Accessories Standard

Hand strap



Newland AIDC EMEA

Feel free to contact us or a partner near you.

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Specifications are subject to change without notice

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