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OPTICON

H-29 Rugged mobile computer with Android, 2D, WIFI, BT, GPS, NFC

The rugged mobile computer Opticon H-29 is a perfect balance of a smartphone and a terminal with an alphanumeric keypad. The H-29 comes in two versions, a 4G and WiFi-supported edition. Both editions are Bluetooth and NFC supported. If you are looking for a reliable scanning device and mobile computer that is consumer-friendly, the H-29 is the right choice for your business.

The H-29 is a rugged design Android mobile computer with Octa-core processor. This is also what makes the H-29 highly suitable for many industries such as Logistics, Postal and Delivery, Healthcare and Industrial. The H-29 is a perfect combination of an ergonomic and elegant design. Underneath the smart design rests everything needed to excel in complex tasks.



Key features:

- Android OS
- Ergonomic design and alphanumeric keypad
- High performance Opticon scanning
- Always connected through mobile data, Wi-Fi or Bluetooth
- Protection rate at IP 65

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Technical Description

Functionality & Operation	
Wireless communication	Bluetooth®, WiFi, NFC, GPS
WLAN Features	IEEE 802.11 a/b/g/n/ac/r
Display type	4,3" TFT LCD WVGA color screen, 530 cd/m2
Touch-screen panel	capacitive multi-touch
Indicators	3 LEDs, vibrate, dual speakers
Operation interface	4x button, scan button, volume up and down keys, ON/OFF
Keyboard	alphanumeric
1D Barcode Symbologies	All standard one-dimension barcodes
2D Code Symbologies	Aztec, Codablock F, Composite codes, Data Matrix, OCR-B, MaxiCode, QR code, Micro QR Code, MicroPDF417
Communication interface	USB
CPU Type	Qualcomm Snapdragon 617 A53 Octa-core
Operating system	Android
Memory	16GB EMMC, LPDDR3 2GB
Expansion slot	Micro SD Card (SDHC)
Optical	
Sensors	accelerometer, light sensor, gyroscope, e-compass, proximity sensor
Camera	8 MPix, with Autofocus, with LED flash
Depth of scan field	30 - 466 mm
Bar code scanner	2D Imager , CMOS area sensor, 640 x 480 px
Scanning rate	100 fps
Electrical	
Main battery pack	Li-Ion 2300 mAh, 3,7V
Mechanical	
Dimensions	Width: 71.8mm, Height: 175mm Length: 19.5mm
Weight	297g
Color	black
Environment	
Operating temperature	-20 to 60°C

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