

YHX-100AI PDA

Product Six Views



Ex-Mark

Ex ib IIC T5 Gb/Ex tb IIIC T100°C IP68

Basic parameters

Dimension	289.9 x 196.7 x 27.4mm
Weight	device unit 1140g
Device Color	black
LCD	10.1 inch IPS 16:10, 1200×1920, 700nits/400nits
Touch Panel	10 point G+G capacitive touch screen
Camera	Front 2.0MP Rear 8.0MP
I/O	USB 3.0 Type-A x 1, USB Type-C x 1, SIM Card x 1, TF Card x 1, HDMI 1.4a x 1, 12pins Pogo Pin x 1, Φ3.5mm standard earphone jack x 1, Φ5.5mm DC jack x 1
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 19V/3.42A
NFC	Optional
Fingerprint	SPI fingerprint (power on login)

Battery

Capacity	7.4V/700mAh
Type	Built-in Li-polymer battery
Endurance	30mins (50% volume sounds, 200 lumens brightness, 1080P HD video display by default)

Performance parameter

CPU	Intel Core i5-1235U/i7-1255U
OS	Windows 11, Optional Windows 10
RAM	8GB, Optional 16GB, Up to 64GB
Storage	128GB, Optional 256GB, Up to 512GB

Network connections

WIFI	Wi-Fi 6 802.11a, b, d, e, g, h, i, k, n, r, u, v, w, ac, ax
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	(2. 4G/5. 8G)	
Bluetooth	BT5. 1	
4G (Optional)	LTE FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B8 GSM: B3/B8	
GNSS	Built-in GPS, Glonass, Optional Beidou	
Reliability		
Operate Temperature	-20 ° C ~ 60 ° C	
Store Temperature	-30 ° C ~ 70 ° C	
Humidity	95% Non-Condensing	
Rugged Feature	IP68 certified	
Drop Height	1. 22m drop	
Electrostatic Discharge	± 8kV contact discharge, ± 15kV air discharge	
Extension modules (1 out of 4)		
Ethernet interface	RJ45 (10/100M) x 1, Support customized (10/100/1000M)	
Serial port	DB9 (RS232) x 1	
USB2.0	USB 2. 0 x 1	
2D	Honeywell N3680, Optical resolution: 5mil/ scan speed: 50 times/s	
Accessories	Docking Charger Hand-strap Vehicle Mount Car Charge Removable Battery Carry handle	