

8-inch Rugged Industrial PDA



Rugged Industrial PDA 8"

Model Number: HV800W

The best-in-class Rugged Industrial PDA

An enterprise-class PDA with powerful mobile computing solution at the most competitive price in the market.

8-inch Rugged Industrial PDA



Key features

- Intel Processor
- 8" 1920 x 1200 IPS LED Panel with directoptical bonding
- Optional 2D Barcode Reader
- IP65 waterproof and dustproof
- Rated for extreme temperature use
- Sunlight Readable Display
- Dual Camera Design: 8MP Main camera with LED flash/ 5MP Webcam



Concept view



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Specifications

SYSTEM SPECIFICATION	Processor	Intel Celeron N5100, 4 core, 4MB Cache, speed 1.10 - 2.80 GHz
	System Memory	4GB LPDDR3
	Storage	64/128 GB
	Operating system	Windows 10
DISPLAY SPECIFICATION	Size	8-inch IPS 16:10 display with LED Backlight
	Resolution	1920 x 1200
	Brightness	550 nits With direct optical bonding for sunlight readable
	Touch	Multi-touch projected capacitive
	Device Color	Black
WIRELESS COMMUNICATION	Technology	Anti reflective and anti-glare technology (Optional) / Ambient light sensor, e-compass, gyro, acceleration sensors / Automatic screen rotation / Intel HD Graphics (built-in CPU)
	WLAN	802.11 a/b/g/n/ac
	Bluetooth	Bluetooth 4.2 (BLE)
	GNSS	Built-in GPS
INTERFACE	WWAN	Optional 4G (LTE FDD: B1/B3/B5/B7/B8/B20 LTE TDD B40, WCDMA: B1/B5/B8 GSM: 900/1800)
	Docking Connector	1 x 12-pin docking connector
	HDMI	1 x HDMI
	USB	1 x USB 3.0
	Power Input	1 x Power Jack
	Micro SD	1 x Micro SD Slot
AUDIO	Audio Connector	1 x 3.5mm standard earphone jack
	Microphone	1 x Built-in Mic
KEYBOARD AND INPUT	Speaker	2 x Embedded 8Ω/0.8W
	Touch	multi touch, support Rain, Stylus, Glove Mode
CAMERAS	Button	1x Scan Key, 1x Home key, 1 x power, 2 x volume key
	Web camera	5MP Camera
DATA CAPTURE	Rear camera	8MP Camera with LED auxiliary light (auto focus)
	Barcode Reader	Optional 2D Barcode Reader
MECHANICAL AND ENVIRONMENT	Dimension (W x Lx H)	236.7 x 155.7 x 20 mm
	Weight	Device unit: 910g Standard accessories: 1400g, Docking: 290g
	Operating Temperature	-20 °C to 60 °C
	Storage Temperature	-30 °C to 70 °C
	Humidity	95% non-Condensing
	IP Proof	IP65 Certified, waterproof, and dustproof
POWER MANAGEMENT	Drop, Shocks Proof, vibrations	MIL-STD-810G Method, 4 ft to concrete
	Power Input	DC 19V/3.42A
	Battery	Included 7.6V/5000mAh removable polymer li-ion battery (38W/h), Typical 3.7V/8500mAh (31.5W/h) build in polymer li-ion battery
	Battery Operating Time	Std. Battery: 8 hours
Adapter	AC100V ~ 240V 50Hz/60Hz output DC 19V/3.42A	

Notes:

- Do Not Expose the Battery Pack to Excessive Heat, or Extreme Heat (Near Fire, in Direct Sunlight for example)
- Do not expose bare skin to this product when handling this unit in extreme hot or cold environments
- Accessories and Integrated Options may vary depending on your configuration.
- 1. Total usable memory will be less depending upon actual system configuration.
- 2. Length measurements do not include protrusions. Weight varies with options and digitizer pen.
- 3. The drop test with high-capacity battery must come with hand strap.
- 4. Measured at dimming LCD brightness. Varies depending on the usage conditions, or when an external device is attached.
- 5. This is a simplified drawing, and some components are not marked in detail.