301Y Wamee Rugged Tablet

Slim, Rugged, Multi-functional Wireless Computing

The Wamee 301Y Rugged Tablet features the integration of a high brightness 10.1" capacitive touch screen and a high performance, energy-efficient Intel® Core™ i processor within a slim, lightweight, durable package. With a built-in smart card/CAC reader, Wi-Fi and Bluetooth, as well as options for front/ back cameras, barcode scanner, long range Bluetooth and GNSS, this rugged tablet offers seamless information capture and transmission for improved workflow. Rated IP65, MIL-STD-810G and HERO certified with wide temperature range, the Wamee 301Y Rugged Tablet provides reliable operation in harsh, mission-critical environments.

Features

- 10.1" Full-HD capacitive touch screen, 800 nits,
- Intel® 8th or 10th Generation Core™ i5/i7 processor
- Microsoft® Windows® 10 IoT Enterprise operating system
- NIST compliant BIOS available
- High capacity, hot-swappable battery pack
- Built-in smart card/CAC reader
- Anti-microbial coating
- IP65 rated, MIL-STD-810G and MIL-STD-461F certified
- HERO (Hazard of Electromagnetic Radiation to Ordnance) certified
- Detachable keyboard option for 2-in-1 applications

Major Options

- Front and back cameras
- 2D barcode scanner; reads 1D also
- UHF RFID reader
- GPS module
- 4G LTE/AWS

Specifications

MODEL	301Y
SYSTEM	
CPU	Intel® Pentium® Gold 7505, 2-Core, up to 3.5 GHz Intel® Core™ i5-1135G7, 4-Core, up to 4.2 GHz Intel® Core™ i7-1165G7, 4-Core, up to 4.7 GHz
RAM	8GB to 32GB
Storage	256GB to 2TB Flash
Operating System	Microsoft® Windows® 10/11 IoT Enterprise
NIST Compliance	NIST compliant BIOS available
Display	10.1" LED-backlight, high-brightness (800 nits) screen with capacitive touch, outdoor viewable
Display Resolution	1920 x 1200
Control Switch and Buttons	1 power button, 2 brightness control buttons, 5 programmable buttons
Speaker & Microphone	Built-in speaker and microphone

NETWORK INTERFACE	
WLAN	Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band
Bluetooth	Bluetooth 5.2 LE
I/O PORTS	
USB Ports	USB 3.0 x 1 USB Type C x 1 (for data transmitting and charging)
Headset Jack	1 (3.5mm)
Ethernet Port	1

MECHANICAL AND ENVIRONMENTAL	
AC/DC Adapter	Input: 100-240V AC; Output: 20V DC, 3.25A
Battery Pack	Hot-Swappable Battery (11.4V, 5400mAh) Hot-Swappable Battery (11.4V, 8000mAh) (Optional)
Enclosure	ABS + PC plastics and magnesium-aluminum alloy; antimicrobial enclosure
Dimensions (H x W x D)	17.8 x 11 x 0.86 in/198 x 280 x 21.9 mm
Weight	3.1 lbs/ 1.4kg
Durability	IP65, MIL-STD-810G, MIL-STD-461F certified
Regulatory	FCC Class B, UL60601-1, CE, RoHS compliant
HERO	Yes
Temperature	Operation: -10°C to 60°C (-14°F to 140°F), Optional -30°C to 60°C (-22°F to 140°F) Storage: -55°C to 70°C (-67°F to 158°F)
Humidity	0% – 90% non-condensing

MAJOR OPTIONS

Barcode Scanner	2D scanner, reads 1D also
UHF RFID Reader	865 – 928 MHz, EPCglobal Class 1 Gen 2/ISO 18000-6C; 16 ft (4.87m) Reading Distance
Mobile Broadband	4G LTE/AWS
GNSS Module	GPS Module
Camera	2MP Front Camera & 8MP Back camera

* Specifications subject to change without notice.

Accessories

The 301Y Tablet has customized accessories to meet numerous deployment needs.

DIGITAL PEN

Pen Tip	Diameter: 0.059 in/ 1.5mm, replaceable

DESKTOP CHARGING CRADLE

Docking support with ports for Power, USB, HDMI output and Ethernet

WALL/ VEHICLE MOUNT CRADLE

Secure Tablet mounting and charging with power, Ethernet pass-through, HDMI-out, COM, and USB ports

BATTERY CHARGING KITS

BATTERY PACK

wamee®