



Wamee Rugged 2-in-1 Tablet

Slim, Rugged, Multi-functional Wireless Computing

The Wamee Rugged Tablet range features the integration of high brightness 10.1", 11.6" and 13.3" touchscreens and high performance, energy-efficient Intel® Core™ or Pentium® processors within slim, lightweight, durable packages. With built-in smart card/CAC readers and Wi-Fi as well as optional data capture modules, these robust tablets offer seamless information capture and transmission for improved workflow. Rated IP65, MIL-STD-810G/461F and HERO certified with wide temperature range, the Wamee Rugged Tablets provide reliable operation in harsh, mission-critical environments.



Features

- 10.1", 11.6" or 13.3" sunlight readable touchscreens, digital pen supported
- Intel® Core™ i5/i7 or Pentium® Gold 7505 processor
- Microsoft® Windows® 10/11 IoT Enterprise operating system
- NIST compliant BIOS available
- IP65-rated for water and dust resistance
- MIL-STD-810G for shock and vibration protection
- MIL-STD-461F for EMI and EMC tolerance
- HERO (Hazard of Electromagnetic Radiation to Ordnance) certified
- Anti-microbial coating
- Built-in smart card/CAC reader
- Anti-microbial coating (DT301Y and DT311Y)
- Detachable keyboard option for 2-in-1 applications
- Energy Star 8.0 certified (301Y & 311Y)

Major Options

- Front and Back cameras
- Barcode Scanner
- UHF RFID reader
- GPS Module
- 4G LTE/AWS

Specifications



SPECIFICATIONS	301Y	311Y	313Y
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	Intel® Core™ i5-1135G7, 4-Core, up to 4.2 GHz Intel® Core™ i7-1165G7, 4-Core, up to 4.7 GHz	Intel® Core™ i5-10210U, 4-Core, up to 4.10 GHz Intel® Core™ i7-10710U, 6-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-Backlit, Sunlight Readable (800 nits) Touchscreen	11.6" LED-Backlit, Sunlight Readable (1000 nits) Touchscreen	13.3" LED-Backlit, Sunlight Readable (1000 nits) Touchscreen
Display Resolution	1920 x 1200	1920 x 1080	
Internet	Wi-Fi 802.11ax, 2.4/5/6 GHz Dual Band		
BT	5.2		
i/O Interface			
Ac/DC Adapter	Input: 100-240V AC; Output: 19V DC, 3.42A		Input: 100-240V AC; Output: 19V DC, 3.25A
Speaker & Microphone	Built-in Speaker & Microphone		
USB Ports	1x USB 3.0, 1x USB Type-C	1x USB 3.0, 1x USB Type-C	3x USB 3.0, 1x USB Type-C
Ethernet Port	1x Ethernet 10/100/1000MB Base-T LAN		
Headphone Jack	1 (3.5 mm)		
DC IN Jack	1		
Smart Card/ CAC Reader	Full-Slot, Reads ISO 7816 T=0, T=1; 1.8/3/5V Smart Card		
Switches & Buttons	1x Power Button; 2x Brightness Buttons; 5x Programmable Buttons		
Mechanical & Environmental			
Enclosure	ABS + PC plastics and magnesium-aluminum alloy		
Battery Pack	Hot swappable battery, 11.4V,5400mAh Hot swappable battery, 11.4V,8000mAh (optional)		
Dimensions (HxWxD)	198 x 280 x 21.9 mm	212 x 316 x 21.9 mm	270 x 335 x 21 mm
Weight	2.86 lbs/ 1.3 kg	3.5 lbs/ 1.6 kg	3.97 lbs/ 1.8 kg
Durability	IP65, MIL-STD-810G/H and MIL-STD-461F certified		
HERO Testing	Yes	Yes	N/A
Certifications	FCC Class B, CE, RoHS compliant		
Temperature	Operation*: -10°C to 60°C (14°F to 140°F) Optional -30°C to 60°C (-22°F to 140°F) *For battery safety and optimal functionality and performance, the recommended usage temperature range is from -10°C to 45°C (14°F to 113°F) Storage: -55°C to 70°C (-67°F to 158°F)		
Humidity	0% - 90% non-condensing		
Major Options			
Barcode Scanner	2D Barcode Scanner (Reads 1D & 2D)		
Camera	2MP Front Camera & 8MP Back Camera		
UHF RFID Reader	865 - 928 MHz, EPCglobal Class 1 Gen 2/ISO 18000-6C; 16 ft (4.87m) Reading Distance	865 - 928MHz, EPCglobal Class 1 Gen 2/ISO 18000-6C; 30 ft (9.14m) Reading Distance	N/A
GNSS Module	GPS Module with Concurrent Reception of GPS and GLONASS; Industry Leading - 167dBm Navigation Sensitivity		
Mobile Broadband	4G LTE/AWS	4G LTE/AWS	4G LTE/AWS

* Specifications subject to change without notice.