

WT41N0 VOW

THE NEXT GENERATION IN RUGGED WEARABLE VOICE-ONLY MOBILE COMPUTERS

Set your workers' hands free to increase productivity and eliminate errors in your warehouse or distribution center with next generation hands-free voice applications. If your workers are handling packages in a parcel and post sortation facility or moving materials in, through and out of the warehouse, give them powerful voice-directed applications that will let them get the job done faster and right in every inch of your warehouse — including the freezer. With the WT41N0 VOW on the arm or hip of your workers, voice direction can walk them through their tasks, so they can keep their hands and eyes on the items they are moving. Workers can count on crystal clear voice quality. Voice-directed applications are highly intuitive, so there is very little training required. And applications are easily delivered in the native language of your workers.



Superior Application Performance

The WT41N0 offers the most power of any device in its class, with a dual core processor and an operating system that can take advantage of both processors — Microsoft mobile operating system, Windows Embedded Compact 7. Combined with 2GB Flash memory and support for 802.11a/b/g/n wireless LANs, the device delivers the processing power and network throughput required to deliver consistent, lightning-fast application performance and reliability.

Instant RS507 Bluetooth Pairing

Users can instantly add hands-free 1D and 2D scanning at the start of a shift by simply scanning the special Bluetooth pairing bar code printed directly on the WT41N0 VOW with the Zebra® RS507 Bluetooth ring-scanner.

Powerful Voice Functionality

Create highly intuitive and easy-to-use voice-directed applications with support for voice recognition and text-to-speech engines. The ability to simultaneously support multiple audio sources greatly enriches functionality. For example, an associate in training can use a wired headset for voice picking, while a supervisor standing near the trainee can listen in via a Bluetooth headset.

All the Right Accessories

Enrich the functionality of this hands-free solution with our complete accessory family. Our RS507 and RS419 ring scanners give your workers hands-free scanning that boosts productivity in the most scan intensive applications. Our rugged RCH51 cabled headset provides crystal clear voice in the noisiest and most demanding environments delivering an end-to-end cost-effective and complete voice-directed platform.

Ready for Rugged Environments

A drop and tumble test plus an IP sealing rating provide true peace of mind — you can count on reliable operation even if workers drop, bump or spill liquid on the WT41N0. Stainless steel connectors and an improved coating on the rear cleat eliminate corrosion and increase durability at accessory attachment points. The result is superior uptime, a rapid return on investment and a low total cost of ownership.

Features

802.11a/b/g/n WLAN

Easily connects to existing WLAN for fast integration; 802.11n and support for advanced Zebra's WLAN features greatly improves wireless network bandwidth, performance and reliability, while reducing power consumption and improving voice performance

Wide Temperature Range

Designed to operate across a wide temperature range ensures operation in virtually all environments of the warehouse, including -4°F (-20°C) — with freezer pouch -22°F (-30°C)

Support for Voice Recognition, Text-to-Speech Engines and Robust Voice-over-WLAN (VoWLAN)

Easy to develop and deploy feature-rich voice-directed applications

Secure WLAN Communications

Robust support for the latest security protocols keeps your data safe

Compatibility with Zebra's Rugged Wearable Ring Scanners

Easily expand functionality with robust bar codescanning for superior future proofing and investment protection

Push-to-Talk (PTT) Ready


Supports PTT capability, allowing users to reach and be reached at the press of a single button, improving collaboration and responsiveness

IMPROVE THE PRODUCTIVITY AND ACCURACY OF YOUR WORKERS WITH BEST-IN-CLASS VOICE-DIRECTED HANDS-FREE COMPUTING.

For more information about the WT41N0 VOW, visit www.zebra.com/wt41n0vow or access our global contact directory at www.zebra.com/contact

WT41N0 VOW Specifications

PHYSICAL CHARACTERISTICS

Dimensions	5.7 in. L x 3.7 in. W x 1.0 in. H 142 mm L x 93 mm W x 26 mm H
Weight	Terminal ships with extended battery: 12.2 oz. (7.5 oz. + 4.6 oz.) 346.0 g (214.3 g + 131.7 g)
Keyboard	3 software-programmable keys
Display Type	Backlit color TFT, touch screen available
Display Resolution	QVGA in landscape mode (320 x 240)
Power	 PowerPrecision LI-ion Batteries 4600 mAh

PERFORMANCE CHARACTERISTICS

Processor	Dual Core OMAP 4 @ 1GHz
Operating System	Microsoft Windows Embedded Compact CE 7.0
Memory	1 GB RAM; 2 GB Flash
Application Development	Microsoft IDEs and Zebra SDKs
Data Capture Options	Wearable scanners RS507, RS419, RS409 and RS309 are optional accessories
Communications	USB (Host and Client)

USER ENVIRONMENT

Operating Temp	-4°F to 122°F (-20°C to 50°C)
Storage Temp	-40°F to 158°F (-40°C to 70°C)
Humidity	5% to 95% non-condensing
Drop Spec	Multiple 4 ft./1.2 m drops to concrete across the operating temperature range
Tumble Spec	500 one-half meter tumbles at room temperature (1,000 drops)
Sealing	IP54
Electrostatic Discharge (ESD)	EN61000-4-2 15kV Air, 8kV contact, 8kV indirect


WIRELESS DATA COMMUNICATIONS

WLAN	IEEE 802.11a/b/g/n
Output Power	100 mW U.S. and international
Security	WEP2 (40 or 128 bit), TKIP, TLS, TTLS (MS-CHAP), TTLS (MS-CHAP v2), TTLS (CHAP), TTLS-MD5, TTLS-PAP, PEAP-TLS, PEAP (MS-CHAP v2), AES, LEAP, CCX v3
Data Rate	802.11a: up to 54 Mbps 802.11b: up to 11 Mbps 802.11g: up to 54 Mbps 802.11n up to 72.2 Mbps

WIRELESS DATA COMMUNICATIONS (continued)

Antenna	Internal with Diversity
Frequency Range	Country dependent — typically: 802.11b/g: 2.4 to 2.5 GHz 802.11a: 5.0 GHz 802.11n: 2.5 and 5.0 GHz
WPAN	Bluetooth 2.1 + EDR

VOICE AND AUDIO

Audio	AC97 Compatible Codec to play audio over speaker or headset; microphone; simultaneous audio
Push-to-Talk	PTT (client included); wired headset support, PTT will support headset and speakerphone mode
Voice Directed Picking	 TekSpeech Pro Certified; compatible with 3rd party VDP clients

ACCESSORIES AND PERIPHERALS

Cradles	Single-slot USB charging cradle with spare battery well; four-slot Ethernet charging cradle
Printers	Supports extensive line of approved printers
Charger	Four-slot battery charger
Mounts	Wrist-mount and hip-mount accessories are available
Other Accessories	RS507/RS419/RS409/RS309 wearable scanners; RCH51 rugged headset; headset adapters; freezer pouches that extend the operating temperature range

REGULATORY

Electrical Safety	Certified to UL60950-1, CSA C22.2 No. 60950-1, EN60950/IEC 60950-1 plus all national deviations
EMC	FCC Part 15 Subpart B, ICES-003 Class B, EN 61000-3-2, EN 61000-3-3, CISPR 22 Class B, CISPR 24, EN 301 489-1, EN 301 489-17
RF	FCC Parts 15.247, 15.407, 15.205, 15.207, 15.209, 15.203, EN 300 328, EN301 893, RSS-100, RSS-210, ARIB STD-66 & 33, ARIB STD-T71, AS/NZS 4268

PRODUCT WARRANTY

The WT41N0 VOW is warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For the complete warranty statement, please visit: www.zebra.com/warranty.

RECOMMENDED SERVICES

The Zebra OneCare Service portfolio of Essential, Select and Premier maximizes the availability and productivity of your devices. Key features include 24/7 technical support, comprehensive coverage, advance replacement and software updates. Optional Visibility Services are available. For more information go to www.zebra.com/zebraonecare.

Specifications subject to change without notice.



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