WT41N0

THE NEXT GENERATION IN RUGGED WEARABLE VOICE AND DATA MOBILE COMPUTERS

Easily increase productivity and eliminate errors in your warehouse or distribution center with next generation hands-free voice and data. With the major increase in package volume driven by multi-channel support, demands for the ultimate in customer service, plus increasing regulations for traceability, you need to move more items through your warehouse or distribution center and capture more information about those items than ever before. With the WT41N0 wearable mobile computer on the arms of your workers, you will. Now, workers can keep their hands and eyes on the materials they are handling — no time is lost handling paper or a handheld mobile device. Add a ring-style scanner worn on a finger and workers can capture 1D and 2D bar codes on the fly, able to document the path of that item for full traceability — and verify that the right items are in the right orders, shipped to the right customers at the right time. The result? Improved customer satisfaction and loyalty. More throughput with the same staff, driving staff utilization up. And less time spent capturing more information on item movement, driving the cost of compliance with traceability regulations down.

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 — Windows Embedded Compact 7, Microsoft's mobile operating system. Combined with 2GB Flash memory and support for 802.11a/b/g/n wireless LANs, this wearable mobile device delivers the processing power and network throughput required to deliver consistent, lightning-fast application performance and reliability.

Powerful Voice Functionality

A built-in microphone enables push-to-talk (PTT) calls and voice-directed applications without a headset, helping reduce costs. The ability to simultaneously support multiple audio sources greatly enriches functionality.

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 yet highly-cost effective cabled headset provides crystal clear voice in the noisiest and most demanding environments.

Ready for Rugged Environments

Workers can drop, bump or even spill liquid on the WT41N0, yet still expect reliable operation. In addition, the improved touchscreen has been hardened, making it virtually impervious to scratches. And stainless steel connectors combine with an improved coating on the rear cleat to eliminate corrosion and increase durability at accessory attachment points.

Features

Ergonomic Hands-Free Wearable Design

Award-winning ergonomic design increases user comfort and productivity

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

Supports Text-Only, Voice-Only and Combination Text and Voice Applications

Eliminates the effort and cost associated with purchasing and supporting multiple hardware systems for different types of applications

Supports Bluetooth Low Energy

Enhance locationing accuracy leveraging the WT41N0 and Zebra's MPact locationing and analytics platform using Bluetooth Low Energy (BLE) / Wi-Fi hybrid technology for improved associate productivity and asset tracking

2.8 inch Color QVGA Display with Backlight

Excellent at-a-glance readability in nearly any lighting condition; optional hardened touchscreen improves display lifecycle and enables easy data input

Secure WLAN Communications

Robust support for the latest security protocols keeps your data safe

Backwards Compatibility with WT4000 Accessories

Support for the wearable scanners, rugged headsets, cradles and cables for the WT4000 allows you to cost-effectively upgrade to the very latest in wearable technology

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 HANDS-FREE COMPUTING.

For more information about the WT41N0, visit www.zebra.com/wt41n0 or access our global contact directory at www.zebra.com/contact

WT41N0 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 w/ Standard Battery:** 11.3 oz. (8.4 oz. + 2.9 oz.) 320.3 g (238.1 g + 82.2 g) **Terminal w/ Extended Battery:** 13 oz. (8.4 oz. + 4.6 oz.) 369.8 g (238.1 g + 131.7 g) **Holder:** 2.5 oz./70.9 g (including straps and cushion)
Keyboard Options	23 key alpha-numeric for alpha entry: legacy color-coded alpha entry
Display Type	Backlit color TFT, touch screen available
Display Resolution	QVGA in landscape mode (320 x 240)
Power	**PowerPrecision LI-ion Batteries** **Two options:** High Capacity 4800 mAh or Standard Capacity 2400 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 ring scanners RS507, RS419, RS409 and RS309 are optional accessories
Communications	USB (Host and Client)

WIRELESS DATA COMMUNICATIONS

WLAN	IEEE 802.11a/b/g/n
Output Power	100 mW U.S. and international
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
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, Bluetooth Low Energy

USER ENVIRONMENT

Operating Temp	-4°F to 122°F (-20°C to 50°C) -22°F* to 122°F (-30°C* to 50°C)
Storage Temp	-40°F to 158°F (-40°C to 70°C)
Humidity	5% to 95% non-condensing

* -22° F/-30° C with freezer pouch

USER ENVIRONMENT (continued)

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

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

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
Speech-Directed Picking	**TekSpeech Pro** Certified; compatible with 3rd party VDP clients

PRODUCT WARRANTY

The WT41N0 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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