

WebDT[®] 312/ 362

Mobile Tablet POS
for Point-of-Service Applications



DT Research designs and manufactures a comprehensive line of network-ready information appliances, enabling secure and reliable access to the Internet and applications, anytime, anywhere. The WebDT 312/ 362 mobile tablet is more dependable than a laptop, and offers a larger display than a PDA. Ideal for mobile computing, the WebDT 312/ 362 is user-friendly and ready to integrate with other systems.

Key Features



- Intel[®] Atom[™] processor; high performance with low power consumption
- Light and durable; ruggedized for handling and storage
- Bluetooth and WiFi connection
- Support for Microsoft[®] Windows[®] CE; Windows[®] XP Embedded; Windows[®] XP Pro for Embedded Systems; Windows[®] XP Professional or Linux operating system
- Optional 3 mega-pixel camera with auto-focus function
- Optional magnetic stripe reader and barcode scanner
- Optional hot-swappable battery expansion
- Outdoor-viewable display option
- Comprehensive remote device administration through server-based WebDT Device Manager software

The WebDT[®] 312/ 362 features the integration of a brilliant 10.4" or 8.4" touch display and a high performance, energy-efficient Intel[®] Atom[™] processor within a slim, light, and durable package. Ideal for network and information access, the WebDT 312/ 362 offers a choice of operating systems, wireless LAN, WAN, high-capacity internal battery, and Citrix ICA and Microsoft[®] RDP client/server computing protocols. With options for 3 mega-pixel camera, magnetic stripe reader and barcode scanner, these tablets offer seamless information capture for instant transmission. With a responsive touch screen, on-screen keyboards, and a variety of VESA mounting options for placement in vehicles, on moveable arms, walls, or mobile carts, this tablet is adaptable to almost any environment.

The WebDT 312/ 362 - mobilize your workforce.

Applications

- Inventory and Warehousing
- Education
- Manufacturing
- Healthcare
- Finance
- Retail
- Control and Monitoring
- Hospitality



Specifications

Item	WebDT 312	WebDT 362
System		
Processor	Intel® Atom™ processor Z530 1.6GHz	
Memory (RAM)	1GB DDR2 533MHZ	
Storage	1GB to 16GB Internal Flash Module, 32GB to 64GB SSD	
Display	10.4" TFT LCD with Resistive Touch; outdoor-viewable option	8.4" TFT LCD with Resistive Touch; outdoor-viewable option
Display Resolution	1024 x 768 (XGA)	800 x 600 (SVGA)
Operating System	Microsoft® Windows® CE; Windows® XP Embedded; Windows® XP Pro for Embedded Systems; Windows® XP Professional or Linux	
Network Interface	WiFi 802.11a/g/n, Bluetooth 2.0	
Input and Control Buttons	1 Power button, 7 Front buttons and 1 Trigger button	
Indicator	1 Power/ Battery status LED and 1 WLAN active LED	
I/O Ports	1 DC-in Jack; 1 Microphone-in and 1 Headphone-out Jacks; 2 USB 2.0 ports	1 DC-in Jack; 1 Microphone-in and 1 Headphone-out Jacks; 1 USB 2.0 ports
Audio	Built-in speakers	
Security	WPA-Personal, WPA2-Personal, WPA-Enterprise, WPA2-Enterprise, AES-CCMP 128-bit, WEP 128-bit and 64-bit; 802.1X: EAP-SIM, LEAP, PEAP, TKIP, EAP-FAST, EAP-TLS, EAP-TTLS	
Mechanical		
Enclosure	ABS + PC Plastic and Magnesium-aluminum alloy	
Protective Grips	Rubber with handstrap	
Dimensions (H x W x D)	8.3 x 10.3 x 0.8 (in); 210 x 261 x 18 (mm)	7.9 x 9.6 x 0.8 (in); 200 x 240 x 18 (mm)
Weight	2.05 lbs (0.93 kg)	1.9 lbs (0.86 kg)
Battery Pack	Internal (2S2P; 7.4V, 2200mAh) or (2S2P; 7.4V, 3760mAh)/ Optional: External (2S2P; 7.4V, 3760mAh)	
AC/DC Adapter	Input: 100 – 240V AC/ Output: 12V DC@3.5A	
Power Cords	North America, EU, UK, China and Japan	
Stylus	Yes; non-electronic tip	
Environmental		
Regulatory	FCC Class B, CE, C-Tick, RoHS compliant	
Operating Temperature	Operation: 0°C - 40°C/ Storage: 0°C - 60°C	
Humidity	0% - 90% non-condensing	

* Specifications subject to change without notice.

Data Capture Specifications

MSR	
Reference Standards	• ANSI/ISO Standards 7810,7811-1/6, 7813 • JIS X6301, X6302 • AAMVA
Recording Method	Two-frequency coherent phase (F2F)
Decoding Method	ISO Track1 – IATA ISO Track2 – ABA ISO Track3 – THRIFT
Card Swiping Direction	Bi-directional
Card Swiping Speed	Card speed through the unit may vary from 3 ips to 100 ips (7 cm/s to 250 cm/s)
Life	Electronics: 125,000 hours Head: 1,000,000 passes
2D Barcode Scanner	
Symbologies	1D: EAN/UPC, RSS, Code 39, Code 128, UCC/EAN 128, ISBN, ISBT, Interleaved, Matrix, Industrial and Standard 2 of 5, Codabar, Code 93/93i, Code 11, MSI, Plessey, Telepen, postal codes 2D: Data Matrix, PDF417, Micro PDF 417, Maxicode, QR, Aztec, EAN.UCC composite
Scan Rate	56 images/s auto adaptive
Scan Angle	38.9° (Horizontal), 25.4° (Vertical)
Ambient Light	Works in any lighting conditions, from 0 to 100,000 lux
Optical Resolution	752 (H) x 480 (V) pixels, 256 gray levels
Print Contrast	down to 25%
Versions	Standard range and high density
Camera	
Resolution	640x480(default), 1280x1024, 1600x1200, 2048x1536
Automatic image control	Automatic Exposure Control Automatic White Balance Control
Focusing type	Auto Focus
Focus Distance	Focal on 60cm

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Accessories

The WebDT 312/ 362 has a suite of customized accessories to meet numerous deployment needs.

For a complete list, please visit www.dtresearch.com

- External battery pack 
- Multi-pack external battery charger 
- Desktop charging cradle 
- In-vehicle cradle with keyboard tray option 
- Carrying case with compact USB keyboard 

Major Options

- Outdoor-viewable display
- 3 mega-pixels camera
- 2D barcode scanner
- Magnetic stripe reader

