

TDX20



Wireless Handheld Computer



The **TDX20** wireless handheld computer brings affordability and convenience to barcode data collection applications. Designed for light-to-medium duty environments, the TDX20 allows users to go wireless when collecting data for a variety of applications including inventory control and asset tracking.

The TDX20 comes with Internet Explorer® for those users working in a cloud-based environment, but also comes pre-loaded with AML's highly-acclaimed DC Suite Software which includes an array of pre-written applications for common "batch" barcode data collection tasks. DC Suite can be "Wi-Fi enabled" with the addition of DC Uplink (license required). And because the TDX20 runs Windows CE 6.0 Pro, many third party software packages will run on it as well.

MADE IN USA
SINCE 1983 ★★★★★



The TDX20 is engineered, manufactured and service in the U.S.A. and delivers the power, performance and versatility at an affordable price.



Features

Benefits

Lower Investment Cost

The TDX20 is an amazing value in its own right, but the addition of DC Suite creates a total hardware/software solution that is affordable to any sized business.

Operate in Batch or Wireless Mode

While the TDX20 is a wireless handheld computer equipped with an 802.11bgn radio as well as a BT 4.0 radio, it can also be used as a "batch" data collection device when a Wi-Fi network is not available. Your data is never stranded.

Protective Case

The protective silicon case seals the TDX10 to an IP54 rating and protects it from drops.

AML ScreenFlash Technology

AML's proprietary ScreenFlash technology flashes the entire screen red or green for any number of user alerts such as good or bad barcode reads or application warnings. This feature alerts the user even if they are only viewing the screen through their peripheral vision and is especially helpful in noisy environments where the device beeper may be drowned out by surrounding noise.

Pre-Loaded Software Applications

Every TDX20 comes with DC Suite which includes seven software applications to accommodate the most common barcode data collection tasks, making it ready to go to work right out of the box.

General Specifications

Dimensions	188 mm L x 70 mm W x 33 mm D (7.40" L x 2.75" W x 1.30" D)
Weight	270g / 10.4 oz
Drop Specifications	4' drop
Display	2.8" QVGA (320X240), 16-bit TFT LCD, MVA (Multi Viewing Angle) Technology
Touchscreen	Integrated Resistive Touch Panel
Keypad	24-key alphanumeric; T9 Style Alpha Input
Power	3200 mAh Lithium-ion; 4,000 scans
I/O Ports	Micro USB Type B for data transfer and charging
Audio	Integrated Beeper
Barcode Scanning	Standard Range Linear CCD
User Feedback	ScreenFlash Scan Verification Technology; Beeper; Good/Bad Read LED

Regulatory Specifications

Certifications	FCC, CE
Environmental	RoHS, Pb-Free

Performance Specifications

Processor	Freescall® i.MX283 @ 454 MHz
Architecture	32-bit ARM926EJ-S™ with 16KB I-Cache and 32KB D-Cache
Memory (RAM)	128 MB DDR2
Memory (Flash storage)	512 MB Integrated Flash
Memory Expansion	microSD Card Socket
Operating System	Windows® Embedded CE 6.0 R3
Radio	802.11bgn BT 2.1 EDR

Environmental Specifications

Operating Temp	-20° to 50° C / -4° to 122° F
Storage Temp	-30° to 60° C / -22° to 140° F
Humidity	0% to 90% RH, non-condensing
Electrostatic Discharge	15kVDC through air; 8kVDC contact
Sealing	IP54

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Standard Warranty

AML products are warranted against defects in material and workmanship under normal use and service for a period of one year from the date of purchase. The obligation of AML under this warranty is limited to furnishing labor and materials necessary to return the product to its normal operating condition, or to replace the unit, at AML's discretion, and only on a "return to factory" basis. This limited warranty does not extend to any product, which has been modified, misused, abused, or incorrectly installed. Warranty, also, does not extend to any product that has been repaired or altered by any party other than AML, or has been subjected to unusual physical or electrical stress, negligence or accident. Prior to returning a product for repair, the user must obtain a Return Authorization Number, which must be clearly marked on the outside of the shipping container.

Pre-loaded Data Collection Software



There are several simple data collection applications designed to allow the user to put the device to work immediately after charging the unit. Below are a few of the most commonly utilized applications that come pre-loaded on the TDX20:

- Item Count
- Item Number, Quantity
- Item Number, Serial Number
- Item Number, Lot Number, Quantity
- Asset Tracker
- Barcode Compare
- Check In/Out



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