HT630
Mobile Computer

The HT630 rugged and compact portable data terminal is a newcomer with an impressive pedigree. It is the latest in Unitech's family of successful entry to mid-level portable data terminals, and replaces the highly successful PT630 which **currently has over 100,000 users** across the supply chain, retail and field service markets.

The HT630 offers **high performance and flexible functionality** at an affordable price. With an integrated laser barcode scanner, it supports all common 1D barcode symbologies. Multiple memory configurations ensure support for the most resource- intensive data capture applications.

Offering several enhancements over its predecessor, the HT630 is fully backwards-compatible and shares all the same accessories. Users can **implement the latest technology** to work in harmony with their existing devices without the need for an expensive swap-out of legacy equipment. The form factor and layout are designed to offer maximum comfort with single-handed operation, and the 27-character alphanumeric phosphorescent keypad aids use in poorly lit conditions.

Weighing in at only 8.6oz, the HT630 offers a **compact and ergonomic design** without sacrificing durability. An IP54 rating, full RoHS compliance and the ability to bounce back from multiple drops to concrete make the HT630 capable of withstanding lots of abuse.

With the JobGen Plus programming tool, 8.5MB of RAM, and a fast 80MHz processor, the HT630 can deliver powerful applications with **minimal training or IT knowledge**. Its optional docking station offers Ethernet, modem and RS232 connectivity.

Main Features:

- JobGen Plus programming tool
- Integrated laser scanner
- Capable of multiple memory configurations
- 27-key alphanumeric phosphorescent keypad
- IP54-rated against dust and moisture
- Survives multiple 1.5M drops to concrete

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System

CPU	16-bit 80188 Processor
Memory	SDRAM: 512K/2.5MB/4.5MB/8.5MB
	Flash ROM: 256K
OS	Proprietary DOS system

Display 128x64 pixels

Keypad 27-key alphanumeric phosphorescent keypad

Input Devices Keypad

Laser Scanner

Light Source	Visible Laser Diode 650nm.
Scan rate	35 (±5) scans /sec (bi-directional)
Scan angle	53°±2°
Minimum Print Contrast	Minimum 20% absolute dark/light Reflectance measured at 650 nm

Indicator LED

Communication

Interface	RS232 communication port Support TX/RX, CTS/RTS, GND, 150K-57.6K bps
Handshaking	Xon/Xoff or CTS/RTS
Protocol	None, or Multi-point for multi-drop installation
File Transfer	Built-in Kermit server
Bluetooth	BT V2.0+ EDR(Enhanced Data Rate Compliant)
Wi-Fi	802.11 b/g (WEP & WPA-PSK & WPA2-PSK Security)

Symbologies UPC-A/E, EAN-8/13, Codabar, Code 39, Code 39 full ASCI, Code 93,Code 32, Interleaved & Std. 2 of 5, EAN 128, Code 11, Delta, MSI/Plessey,Code 128, Toshiba, EAN 128

Audio Volume adjustable by software

Power Source

Main battery	3.7V, 900mAh
Backup battery	120mAh/3.6V for SRAM memory backup
Li-ion recharging	2.5 hours in Docking Station or through Charging Cable
Operation hours	Over 12 hours

Enclosure

Weight	8.6oz with battery pack
Dimensions	6.6"H x 2.64"W x 1.38"D

Environmental

Operating temperature	32ºF to 122ºF
Storage temperature	-4ºF to 158ºF
Relative humidity	5% ~ 95% (non-condensing)
Drop tested	4 -foot
Environmental Sealing	IP54

Models Bluetooth only
Bluetooth and WLAN

Software Programming Tools

C Language	MSC, Borland C, Turbo C
JobGen Plus	A Windows-based program generator
Form Caching	A built-in program generator
DLL Library	Available for 16/32-bit C++, VB, VFP and Delphi

Accessories RS232 & USB communication cables, power adapter, cradle

Regulatory Approvals BSMI, CCC, CE, FCC, VCCI, RoHS compliant