



DNT 550

Portable Data Collection Terminal

The DNT 550 portable data collection terminal combines low cost and comprehensive functionality in a rugged, ergonomic terminal designed for manufacturing applications. The DNT 550 is easily configured with Co-Log/Open or with C/C++ to handle multiple applications and unlimited transactions. Its integrated PCMCIA slots offer it virtually unlimited expandability and 802.11b RF connectivity with off-the-shelf cards. Available in either batch or RF configurations, the DNT 550 is the premier portable terminal for manufacturing applications.

Specifications

Display

- Fully programmable graphics LCD
- Backlight with automatic timeout
- 240 x 160 pixel LCD matrix
- Adjustable character display from 10 x 15 to 20 x 30 characters

Keypad

- 56-key, full alphanumeric, non-glare
- 12 function keys (4 dedicated, 8 shifted)
- 1 keypad scan trigger
- 2 Enter keys (right/left hand accessible)
- Large numeric keys

Speaker

- Voice capable standard 8 Ohm speaker
- Software-programmable for volume, duration, and pitch

Packaging

- Industrial, high-strength polycarbonate/ABS-blend plastic, U/L Rated 94V0
- 8.4" L x 3.8" W x 1.8" H
- Weight (including battery pack):
Laser/No Radio 18.4 oz.
Laser/Radio 20 oz.

Environment

- Water and dust resistant
- Operating temp.: -10 °C to +50 °C
- Storage temp.: -20 °C to +70 °C

- Drop: Multiple (x4) 4 ft. to concrete (all corners)
- Chemical and splash resistant

Microprocessor / Memory

- AMD Élan® AM486™ SC400 low power, 32-bit microprocessor 33 MHz
- FLASH: 8 MB or 16 MB (DOS, BIOS, applications, and data storage)
- RAM: 4 MB (system operation and virtual-disk data storage)
- PC Card support for up to 64MB linear cards, 512 MB ATA cards)

Communications

- IR serial data transfer in dock (up to 115 Kbps)
- High Speed UART(16550-compatible) supports up to 115 Kbps data transfer
- User-accessible PCMCIA Slot (Two Type II or one Type III)

Power

- Rechargeable 1400 mAh, NiMH battery
- SuperCap memory back-up
- Low battery indicator
- Advanced Power Management

Options

- F550 Dock w/ fast battery charger
- Dual fast charge battery charger
- Nylon holster
- Long range laser scanner
- Extra long range laser scanner



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