

/ DELFI NOVA



ADOPTING TWO MOST POPULAR OPERATING SYSTEMS IN THE MARKET

Traditional inside-4-wall market applications still require Microsoft Windows operating systems: Delfi Nova adopt two most famous but latest one from Microsoft, which are Windows Embedded CE 6.0 Professional and Windows Embedded Handheld 6.5 Classic in order to fit into any legacy user application and to be compatible with existing back-end system.

EXPERIENCE FAST & STABLE WIRELESS COMMUNICATION TECHNOLOGIES

Wireless LAN supports IEEE 802.11 b/g/n with speed up to 72.2 Mbps under 2.4Ghz frequency band. With easy wireless configuration on user control unit page, Delfi Nova provides fast roaming (hand-over) among multiple routers and access points at various harsh environment, especially multi-story distribution center. Moreover, Delfi Nova is a VoIP-ready unit with built-in microphone and speaker and you can use Bluetooth wireless headset in VoIP required application such as voice picking system.

ENJOY FAST BARCODE SCANNING TO PREVENT ERRORS AND MAKE JOB DONE EASIER

You can select either 1D laser scanner or 1D/2D imager scanner as built-in option. Laser scanner supports all sorts of standard 1D symbologies plus country-specific postal code with depth of field from 52mm to 457mm @ 100% UPC code. The 1D/2D imager has laser aimer for easy aiming and can read all standard 1D/2D barcode symbologies and GS1 Databar.

THE MOST ERGONOMIC DESIGN FOR COMFORT AND SCAN INTENSIVE APPLICATIONS

The user-tested ergonomic design of the Delfi Nova has rendered a lightweight and uncommonly well-balanced device that reduces stress and fatigue during extended work sessions.

ROBUST & RUGGED SPEC KEEP YOUR TCO LOW AND MINIMIZING DOWNTIME

Delfi Nova is designed from the ground up for rugged applications. With its IP65 water/dust proof sealing, 1.8m (6 ft) repeated drops to concrete, and wide operating temperature range the Delfi Nova stands up to most any demanding application.



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TECHNICAL DATA:

PHYSICAL CHARACTERISTICS DIMENSIONS WITH BATTERY

182 x 66.5 x 30.5mm (7.126 x 2.62 x 1.2 in)
Grip width : 25mm (1.0 in)
Weight: 293g (10.34oz) with standard battery
318g (11.22oz) with extended battery

ENVIRONMENTAL

Operating: -20°C to 60°C (-4°F to 140°F)
Storage: -40°C to 70°C (-40°F to 158°F)
Relative Humidity: Non-condensing, 95%
Rain & Dust Proof: IP65
Drop Specification: 1.8m (6 ft) per MIL-STD 810G Tumble
Specification: 1,000cycle (2,000hit) @ 1m (3.3ft) tumble. Elec-
trostatic Discharge: +/- 15 kV air discharge
+/- 8 kV contact discharge

POWER

Standard Battery Pack: 3.7V, 2,300mAh
Extended Battery Pack: 3.7V, 3,400mAh
IEEE 1725 Compliant, Li-Ion, removable, rechargeable

OPERATING SYSTEM

Windows Embedded CE 6.0 Professional
Windows Embedded Handheld 6.5

MICRO PROCESSOR

Marvel PXA300 @ 624Mhz

MEMORY AND STORAGE

128/128MB (RAM/ROM) for Win CE model only (Approx 90MB
available for user data), 256/256MB (RAM/ROM) for WEH
model only (Approx 210MB available for user data) User-ac-
cessible micro-SD cards up to 32GB SDHC

DISPLAY

2.8 in, 240 x 320 pixel (QVGA), TFT-LCD, 65K colors, LED
backlight, Touch Screen

STANDARD COMMUNICATION

Full speed USB 1.1 from either cradle or direct sync cable
RS232 (115 Kbps)

WIRELESS LAN

IEEE 802.11 b/g/n Data rates: 1, 2, 5.5, 11, 6, 9, 12, 18, 24,
36, 48, 54 and 72.2 Mbps Operating channels: 1 to 13 (2412-
2472 Mhz) Regulatory compliance: As per IEEE 802.11n
Antenna: Internal
Security: WEP/WPA/WPA2 and more. Authentication: PEAP/
MS-CHAPv2, EAP-TLS, CCX v4

WIRELESS PAN

Integrated Bluetooth Class II, Version 2.0+EDR Operating
channels: 0 to 78 (2402-2480 Mhz)
Data Rates: 1, 2, 3 Mbps. Antenna: Internal

INTEGRATED BARCODE SCANNER

1D Laser Scanner; supporting all 1D standard symbology &
Postal code 2D Imager Scanner; supporting all 1D/2D stan-
dard Symbology including GS1
Databar

LED INDICATOR AND SCAN ALERT

Indicator: 2 x dual color LEDs on front:
1) Power, 2) Warning, 3) Scan reading Scan Alert: Vibration

AUDIO SUPPORT

Supports VoIP, Built-in microphone and speaker Wireless
Bluetooth headset support

KEYPAD OPTIONS

Numeric (29 key) including 4 function keys

ACCESSORIES

Standard accessories: AC/DC power adaptor & country plug,
Stylus pen with tether, Hand strap, Belt clip, Standard battery,
LCD protection film. Optional accessories: Single-slot cradle,
Extended Battery, Single Ethernet cradle, 4-slot Cradle, 4-slot
Battery Charger, USB Sync cable

REGULATORY APPROVALS AND COMPLIANCE

Safety: EMC, UL, RF, Laser approvals
Radio: FCC, CE, KCC, ANATEL Marks Environmental: RoHS
& WEEE compliant



DELFI COM ICONS: It is now possible to design your own unique handheld terminal application that makes product registration easy and effective. Delfi Com Icons is the software to handle tasks, whether it is status, order pick, move goods, create order or consume. Delfi Com Icons software is a revolution that works on all certified handheld terminals and integrates with all known ERP systems. Sign up and try it out: [HTTP://DCI.DELFI.COM](http://DCI.DELFI.COM)