

nordicidmedea

Take a step forward and enter a new era of identification with the Nordic ID Medea. This mobile computer in contemporary design combines a large-size touchscreen display with unique functionalities and first-class performance, taking efficiency and user experience to the next level.

The Nordic ID Medea is an excellent tool for tasks that require high performance. Pair the Nordic ID Medea with Nordic ID NIDA software for a modern out-of-the-box solution. The brilliant 4.3" touchscreen offers an intuitive-to-use user interface, which is easy-to-learn and familiar to today's users. The Nordic ID Medea is equipped with our advanced high-performance RFID reader engine that delivers fast read rates and high data throughput. The Nordic ID Medea operates a full working day with only one charge.

The Nordic ID Medea is seamlessly compatible with the entire Nordic ID product portfolio. The Nordic ID Medea -series consists of the Nordic ID Medea UHF RFID Cross Dipole, Nordic ID Medea UHF RFID and Nordic ID Medea Barcode.



PRODUCT VERSIONS

NORDIC ID MEDEA
UHF RFID CROSS DIPOLE



NORDIC ID MEDEA
UHF RFID



NORDIC ID MEDEA
BARCODE



LASER
or
2D
IMAGER

3G
UMTS / HSDPA
900/2100 MHz

GPS
Assisted GPS

WLAN
802.11 a/b/g/n
WPA2

BLUETOOTH
2.0
+ EDR Class 2

WINDOWS
Embedded
Compact 7

RFID IDENTIFICATION

NORDIC ID MEDEA UHF RFID Cross Dipole	Supported standard: ISO 18000-6C (EPC Class 1 Gen 2) Frequency ETSI 865.6 - 867.6 MHz or FCC/IC 902 - 928 MHz RF Power: ERP +28 dBm (630mW) Nominal reading distance: 4 m Typical reading speed: 200 tags per second Software controlled antenna polarization; Horizontal, vertical or cross-polarized
NORDIC ID MEDEA UHF RFID	Supported standard: ISO 18000-6C (EPC Class 1 Gen 2) Frequency ETSI 865.6 - 867.6 MHz or FCC/IC 902 - 928 MHz RF Power: ERP +20 dBm (100mW) Nominal reading distance: 1 m (0,7m with 2D imager) Typical reading speed: 200 tags per second

BARCODE IDENTIFICATION

1D laser scanner	All major 1D barcodes Adaptive Auto-Range Laser (standard-, long- and auto-range) Normal, hold to aim and hold down modes Enhanced aiming mode (automatic switching between scan line / aiming dot) Configurable scan alert sounds
2D imager	All major 1D and 2D codes High visibility LED aimer 2 character pre and post fixes, padding, replacement Video preview Configurable scan alert sounds

PRODUCT HIGHLIGHTS

- Unique combination of functionality and performance
- Large 4.3" touchscreen
- Robust Gorilla Glass 2 display
- Daylight readable display
- Lightweight device
- Intuitive user experience
- Dual function foldable RFID antenna
- Software backwards compatible
- 2 years warranty

ACCESSORIES

- Desktop charging cradle with USB connection including power supply (EU, UK, US)

PREINSTALLED APPLICATIONS

- MICROSOFT APPLICATIONS:
- Internet Explorer web browser
 - Wordpad

NORDIC ID APPLICATIONS:

- Registry backup
- IP config
- NID Menu

PLATFORM	
CPU	ARM Cortex-A8 1 GHz
Operating system	Microsoft® Windows® Embedded Compact 7
Memory	512 MB LPDDR2 RAM 4 GB Flash
USER INTERFACE	
Display	4,3" WVGA capacitive touch screen, 800 x 480 pixels, 262k colors Adjustable LED backlight, Daylight readable (Blanview), Gorilla glass 2
Keypad	7 distinguished buttons: 3 x scan, ok, del, menu, power Individual control for each key
Signals and indicators	Speaker for audible signals and Haptic vibra
COMMUNICATION	
Wireless WAN	3G UMTS / HSDPA (900/2100 MHz) GPRS / EDGE (900/1800 MHz) (optional)
GPS	Assisted GPS (optional)
Wireless LAN	IEEE 802.11 a/b/g/n
WLAN security	Standards: WEP, WPA, WPA2 (802.11i) Encryption: WEP, TKIP, AES
Wireless PAN	Bluetooth 2.0 + EDR, Class 2
LAN	Ethernet 10/100 via charger (optional)
PAN	USB via device and charger
POWER	
Battery	Rechargeable, removable Lithium-Ion battery pack 3500 mAh, 3.7V Up to 10 h in intensive use (standard battery)
Charging	Charging over USB connector (0 to 100%) 5-10h Charging over cradle (0 to 100%) 3h
External power supply	AC adapter for desktop charger: input 100-240 VAC, 1A, 50-60 Hz / output 5,2 VDC, 3A, 15 W / Power adapter for EU, UK or US
Backup battery / batteries	Back-up battery for real-time clock: keeps time for 200 days
SIZE AND WEIGHT	
Dimensions	Nordic ID Medea UHF RFID Cross Dipole (H) 158 x (W) 83/100 x (D) 21/45 mm Nordic Medea UHF RFID & Barcode (H) 158 x (W) 83 x & (D) 21 mm
Weight	Nordic ID Medea UHF RFID Cross Dipole ~ 420 g Nordic Medea UHF RFID & Barcode ~ 320 g
DROP AND SHOCK	
Drop and impact resistance	1.5 m
ESD	Contacts +/- 4kVdc Air discharge +/- 8kVdc
ENVIRONMENT	
Temperature	Operating -20° to +55° C Storage -20° to +60° C Charging 0° to +45° C
Relative humidity	10% to 95% non-condensing

CONTROL PANEL APPLETS:

- NID Autostart: automatic start of application after network connection is established
- NID Backlight: backlight brightness
- NID Indicators: battery level and signal level indicators
- NID Keypad: keyboard mapping
- NID LinkWatchdog: connection monitoring
- NID Menu: application manager
- NID Powerbutton: power button mapping
- NID Scanner: barcode type settings
- NID SNTP Service: network time synchronization
- NID Touch screen: disable/enable
- NID WWAN settings

OPTIONAL APPLICATIONS

- Naurtech CTerm: terminal emulation client
- Naurtech SAP browser

SOFTWARE DEVELOPMENT ENVIRONMENT

For all developers:

- Nordic ID MHL hardware abstraction layer
- Nordic ID UHF RFID API
- Nordic ID Sample applications and source code
- Nordic ID Customizer

FOR .NET (C#, VB ETC)

- Microsoft Visual Studio 2008
- .NET Compact Framework 2.0 and 3.5
- Nordic ID SDK
- MHL API wrapper for .NET
- OpenNETCF – Smart Device Framework

FOR C++

- Nordic ID SDK
- NUR API
- MHL API

FOR HTML

- Nordic ID Sample applications

ENVIRONMENT

- Free support during and after 2 year warranty time
- Maintenance service and extended maintenance contract
- Software customization and development support
- Technology, product and integration training
- Technology and project consultation
- Project management services

All information is subject to change without prior notice.

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