

netpad® 5000 series hand-held computer



FEATURES

- Large, high-resolution touch-screen display for easy navigation of graphics and detailed data
- Outstanding power performance, with more than eight hours' battery life—plus instant-on capability
- Ergonomic navigation button provides easy navigation and data entry
- Programmable function keys speed up data entry and applications
- A choice of configuration options, including integrated scanner and indoor or outdoor screens
- Several communication options including integrated LAN 802.11b or WAN GSM/GPRS radios

Rugged computer for demanding environments

WIRELESS CONNECTIVITY FOR APPLICATIONS ON THE MOVE

Mobile computing devices must satisfy unique demands—lightweight and ergonomic, they must still be able to handle demanding enterprise computing applications in difficult environments. netpad's rugged design and easy-to-use navigation bridge the gap between heavy-duty, keyboard-equipped industrial data capture computers and less rugged portable devices. Superior processing capability with a choice of integrated radio options make netpad the ideal solution for track and trace applications, field service, route/van sales, and asset management. With its enduring design features and high-performance computing, netpad is a cost-effective hand-held computer that delivers superior data capture and processing ability to mobile workers in demanding environments.



information in motion



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Specifications



netpad 5000 series
(portrait mode)



netpad 5000 series
(landscape mode)

HARDWARE

- Processor: Intel SA-1110 Strong ARM running at 206MHz
- Internal ROM: 32 MB Flash
- Internal RAM: 64 MB SDRAM
- Display: High-quality half-VGA size, 640 X 240 pixels, 256-colour display with backlight; support for dynamic switching between landscape and portrait operation
- Display Options
Transmissive LCD: Optimised for use in low ambient light conditions such as indoors
Transflective LCD: Optimised for use in high ambient light conditions, such as outdoors in direct sunlight
- Keyboard: Soft keyboard (on-screen keyboard), navigation button and 2 programmable soft keys
- Data Storage: Multi Media Card for expandable, removable data storage
- Pointing Device: Pen and touch-sensitive screen
- I/O: IrDA 1.1 (115Kbit/sec); 1 RS232 serial port (115Kbit/sec)
- Scan Engine (Optional): Supports UPC/EAN, Code 39, Code 93, Interleaved 2 of 5, Discrete 2 of 5, Code 128, Codabar, and MSI symbologies
- Sound: 8-bit Alaw sound with integrated speaker and microphone
- Battery
Rechargeable Battery: 875mAh or 1400mAh Lithium-Ion battery pack providing 8 to 14 hours' operation under optimal usage pattern
Backup Battery: Up to 96 hours with main battery pack fitted
- Charging: AC Adapter for battery charging via docking station
- Docking: A range of docking modules and battery chargers are available to suit volume deployment applications

GSM-GPRS RADIO

- Radio: GSM-GPRS Tri Band (900/1800/1900 MHz)
- Supports: GPRS Class 10 (max 56 Kbps), GSM Circuit Switched Data (max 9.6 Kbps), Supplementary Services (SS), Unstructured Supplementary Services (USSD) Short Message Service(SMS), GSM 7.05 AT commands
- SIM: User-accessible SIM card
- Antenna: GSM-GPRS Tri-Band external stub antenna

802.11 RADIO

- Radio: 802.11b 2.4GHz-2.5GHz Direct Spread Spectrum
- Data rates: up to 11 Mbps
- Encryption: 40 bit or 128 WEP
- Range: Up to 250m under optimal conditions.
- Antenna: 802.11 external stub antenna; internal diversity antenna

PHYSICAL AND ENVIRONMENTAL

- Size (Excluding Antenna): 215 x 85 x 35mm/8.47 x 3.35 x 1.37"
- Weight: 620g/1.4 lbs including battery pack and radio
- Temperature Range
Operating: -20 to 60°C/-4 to 140°F
Storage: -25 to 70°C/-13 to 158°F
- Operating humidity: 0% to 95% maximum, non-condensing
- EMI/RFI
Europe: EN55022 Class B, EN 55024
USA: FCC Part 15 Class B
- Safety: Complies with EN60950
- Drop Specification: 1.5m/5ft drop onto concrete
- IP Rating: Extremely rugged package rated to IP67 (submersion in water to depth of 1m/3.3ft for 30 minutes)

*Specifications are subject to change without notification.

	Win CE	Symbian
Operating System	Microsoft Windows CE.NET	Symbian OS
Development Environment	Fully compatible with Microsoft SDK for Win CE.NET Specific netpad Win CE SDK available	Windows NT/2000 development environments for: C++ Java Symbian OPL
Web Browser	Microsoft Internet Explorer for Pocket PC (Equivalent to IE 3.2)	Opera v 3.2
Java Support	3rd party JVM required	Symbian Personal JVM
PC Connectivity	Microsoft Active Sync 3.5	PsiWin 2.3.3