

## Rugged computer for demanding environments

IDEAL FOR APPLICATIONS ON THE MOVE



Mobile computing devices must satisfy unique demands - they must be lightweight and ergonomic, yet able to handle demanding enterprise computing applications in difficult environments. netpad delivers the ergonomics and ease of use of a typical PDA form factor device, but with a rugged design and class-leading display size. Flexible data input and connectivity options make the netpad an ideal solution for applications that require real-time information. The ½ VGA, high-resolution color touch screen displays advanced graphics and delivers on-screen navigation for ease of use. The netpad is a powerful, rugged mobile computer with advanced connectivity, data input and display capabilities that delivers superior data capture and processing ability to workers in demanding environments.



### ADVANTAGES

- **Flexibility and Integration:** Utilizing Windows CE .NET ensures ease of application development and integration capabilities. Optional 802.11b and GSM/GPRS radios deliver flexible connectivity for local or wide area applications while Bluetooth, RS-232 and IrDA deliver peripheral connectivity.
- **Ruggedness:** The rugged design of the netpad ensures the unit remains operational, even in harsh environments. Rated at IP67, the netpad is totally protected against dust and is able to withstand temporary immersion in water. With the capability to be dropped from 1.5m onto concrete, accidents do not necessarily translate to lost productivity from broken devices.
- **Ergonomics:** Large, high-resolution touch-screen display delivers the ability to interact with complex graphics and detailed data such as merchandise pictures and/or store layout graphics. Ergonomic navigation button and programmable function keys provide easy navigation and efficient data entry and data retrieval. Outstanding power performance and battery life with instant on capability ensures that netpad is always ready

# netpad Hand-Held Computer



(portrait mode)



(landscape mode)



(with GSM/GPRS stub antenna)

## Specifications

### NETPAD CONFIGURATION OPTIONS

#### PROCESSOR AND MEMORY

- Processor: Intel SA-1110 Strong ARM @ 206MHz
- Internal RAM: 64MB SDRAM
- Internal ROM: 32MB Flash

#### OPERATING SYSTEM & FEATURES

- Operating System: Microsoft Windows CE .NET 4.2
- Development Environment: compatible with Psion Teklogix Mobile Devices SDK for developers using Microsoft Visual Studio .NET 2003, Java development tools supporting JDK 1.2.2, and Microsoft Visual C++.
- Web Browser: Microsoft Internet Explorer 6.0
- Java Support: 3rd party JVM required
- PC Connectivity: Microsoft Active Sync 3.7

#### WIRELESS COMMUNICATION OPTIONS

##### GSM-GPRS RADIO

- Radio: Tri-Band (900/1800/1900MHz)
- Supports: GPRS Class 10 (max 56Kbps), 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

##### 802.11B RADIO

- Radio: 802.11b 2.4GHz-2.5GHz Direct Spread Spectrum
- Data rates up to 11 Mbps
- Encryption: 40 bit/128 bit WEP, Cisco LEAP
- Range: Up to 250m/820ft with optimal conditions
- Antenna: Internal diversity antenna

##### BLUETOOTH RADIO

- Radio: Bluetooth 1.1, Class 2, 2.4 GHz
- Range: Up to 10m/32ft
- Antenna: Internal

##### DISPLAY OPTIONS

- High-quality halfVGA, 640 x 240 pixels, 256 color with backlight. Support for dynamic switching between landscape and portrait orientations
- 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

#### POWER

- Rechargeable Battery: 1100mAh, 1800mAh or 4400mAh Lithium-Ion battery. 1800mAh battery standard with all devices equipped with a radio and/or scanner: 4400mAh battery optional
- Backup Battery: Up to 96 hours with main battery pack fitted
- Charging: AC Adapter for charging via docking station

#### SPEAKER AND SOUND CAPABILITIES

- 8-bit Alaw sound with integrated speaker and microphone

#### OPTIONAL INTEGRATED SCANNER

- Supports UPC/EAN, Code 39, Code 93, Interleaved 2 of 5, Discrete 2 of 5, Code 128, Codabar and MSI symbologies

#### COMMUNICATION & STORAGE

- IrDA 1.1 (4Mbit/sec)
- One RS-232 serial port with power output (115Kbit/sec)
- Multi Media Card slot for expandable, removable data storage (accepts Secure Digital memory card)

#### OTHER

- Keyboard: Soft keyboard (on screen), navigation button and 2 programmable soft keys

#### PHYSICAL & ENVIRONMENTAL

- Size: 215 x 85 x 25mm/8.47 x 3.35 x 0.99"  
If equipped with radio &/or scanner: 215 x 85 x 35mm/8.47 x 3.35 x 1.37" (excluding antenna)
- Weight  
Standard Unit: 557 grams/1.21lbs including battery  
If equipped with radio & scanner: 620 grams/1.4lbs including 1800mAh battery
- 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  
USA: FCC Part 15 Class B  
Europe: EN55022 Class B, EN 55024
- 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.

