LANpoint Power X
Industrial Data Collection
Adding Power to your ERP Data Collection

- Work-in-Process
- Shop Floor Control
- Job/Lot Tracking
- Labor Reporting
- Product Tracking
- Quality Assurance
- Access Control
- Shipping/Receiving
- Inventory Tracking
- Logistics/Warehousing
- Pick and Pack
- Cycle Counting
- Time & Attendance
Based on an industrial PXA310 ARM processor and Windows CE 6.0 OS platform, the LANpoint Power X features a rugged housing – choice of NEMA 12 (IP54) drip-proof or optional NEMA4 (IP65) spray-down design* and a bright, color ½ VGA 640x240 LCD display with touchscreen option.

Each terminal provides 10/100BaseT Ethernet, alphanumeric keyboard, SDIO / MMC memory expansion, as well as optional IEEE802.11b/g WiFi communications, Bluetooth connectivity* and digital I/O.

The LANpoint Power X can interface to several AutoID input devices concurrently, including barcode, RFID tag reader/writers, digital I/O, proximity readers and biometric ID readers. Terminals come standard with 3 USB ports.

Application development tools include Microsoft Visual Studio 2005 and later. Terminal emulation thin client – textual VT/HP, IBM3270, and IBM5250, is also available.

Many software tools are included standard – all of this functionality comes priced lower than you think – roughly 33% less than the predecessor LANpoint 7.

With the purchase of WiFi communications, Bluetooth connectivity becomes enabled, allowing you to track inventory from any spot on the shop or warehouse floor.

LANpoint Power X allows for real-time data capture and can be used anywhere, with its small footprint and sealed housing.

Biometric fingerprint reader is available for high confidence level applications, whether that is secure access control, positive manufacturing traceability or reliable time & attendance.
# Specifications

<table>
<thead>
<tr>
<th>Processing &amp; Memory</th>
<th>Marvell XScale PXA310 CPU 624 MHz, 2*128K internal SRAM 32 KB I-cache and 32 KB D-cache, 128 MB address space DMA and Interrupt controllers, Timers Realtime Clock</th>
</tr>
</thead>
<tbody>
<tr>
<td>System Software</td>
<td>Windows CE 6.0 WebDevice Remote Manager Time Synchronization Services SDK API’s and utilities Programmable Function Keys FTP Server Telnet Internet Explorer embedded Remote Display CEPad</td>
</tr>
<tr>
<td>Optional Software *</td>
<td>Terminal Emulation: VT, HP, IBM 3270, IBM 5250 Emulation screen re-mapping Terminal emulation AirLoader Lock-down Web browser</td>
</tr>
<tr>
<td>Physical</td>
<td>28.5cmW x 24.7cmH x 9.4cmD (11.2” W x 9.7” H x 3.7” D)</td>
</tr>
<tr>
<td>Weight</td>
<td>3.9 lbs (1.75 Kg)</td>
</tr>
<tr>
<td>Integral Display</td>
<td>½ VGA (640x240 pixel) LED-backlit 64K color LCD display</td>
</tr>
<tr>
<td>Integrated Keyboard</td>
<td>Sealed elastomeric, industrial design, 5 million cycle life 69 key position, QWERTY 8 dedicated function keys</td>
</tr>
<tr>
<td>Environment</td>
<td>NEMA 12 IP54; NEMA 4 IP65 available *</td>
</tr>
<tr>
<td>Vibr/Shock</td>
<td>50G / 20ms shock, 20G / 0 – 60Hz Vibration</td>
</tr>
<tr>
<td>Temperature</td>
<td>-20º to 70ºC (-4º to 158ºF)</td>
</tr>
<tr>
<td>Power</td>
<td>12VDC Power Over Ethernet (POE) available *</td>
</tr>
<tr>
<td>Battery Backup *</td>
<td>AA-Style Rechargeable Battery Pack with Integral Recharger</td>
</tr>
<tr>
<td>Auto ID Interfaces</td>
<td>Three USB host ports One serial port: RS-232 (RX/TX/RTS/CTS) Serial wedge utility Bluetooth * Power take-offs for accessories Integral Biometric fingerprint reader *</td>
</tr>
<tr>
<td>Connectors</td>
<td>Power, Ethernet 10/100BaseT, RS232, USB host (3), battery backup header, digital I/O, +3.3VDC, +5VDC, +12VDC accessory power takeoff headers, and stereo I&amp;O audio jacks</td>
</tr>
<tr>
<td>Connectivity, RF *</td>
<td>WiFi IEEE802.11b/g, Bluetooth</td>
</tr>
<tr>
<td>Mounting *</td>
<td>Various – wall and desk</td>
</tr>
<tr>
<td>Digital I/O – 8 DI channels &amp; 8 DO</td>
<td>Digital inputs are optically isolated &amp; can provide counter capability to 50 counts/second</td>
</tr>
<tr>
<td>Networks</td>
<td>TCP/IP, RJ45 Ethernet 10/100B-T; IEEE 802.11b/g WiFi Ethernet *</td>
</tr>
<tr>
<td>Supported</td>
<td>SDIO / MMC socket, internal</td>
</tr>
</tbody>
</table>

## Applications

- Time and Attendance
- Shop Floor Control
- Inventory Control
- Asset Management
- Work-in-Process
- Production
- Tracking
- Quality Assurance
- Shipping/Receiving
- Logistics/Warehousing

## Accessories

- Mountings, brackets
- Wall power supply, 100-240VAC
- Battery backup
- Proximity readers
- External barcode/magnetic readers
- Keyboard wedge readers
- USB AutoID readers (barcode, RFID, other), external keyboard, mouse
- Bluetooth AutoID readers & other Bluetooth devices

* Options, not included in the basic unit

Prices and specifications are subject to change without prior notice.
The LANpoint data collection terminals are supported in more than 30 countries through a worldwide network of Intelligent Instrumentation Regional Marketing Centers, authorized System Integrators and Value Added Resellers. To contact the local office nearest you visit our Web site at www.lanpoint.com.

**Worldwide Headquarters**

6640 S Bonney Ave  
Tucson, Arizona 85756 USA  
Sales and Information: 1-800-685-9911  
Fax: 520-573-0522  
Technical Support: 520-573-3504  
support@lanpoint.com  
Website: www.lanpoint.com  
E-mail: sales@lanpoint.com

**USA REGIONAL OFFICES:**  
(800) 685-9911  
Charlotte, NC  
Tucson, AZ

**International**

For the international office nearest you, contact our worldwide headquarters:  
Sales and Information: 520-573-0887  
Fax: 520-573-0522  
E-mail: sales@lanpoint.com  
Technical Support: support@lanpoint.com

**European Headquarters**

**France**

Sales and Information: 33 01 75.21.21.33  
E-mail: g.guez@rnsystemes.fr  
Website: www.rnsystemes.fr

**Local Contact:**

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