



MobilePro™ 900 Handheld PC

The most powerful handheld PC available today.

- New, faster Intel® XScale processor runs enterprise applications
- Large, touch-type keyboard allows two handed typing
- Brilliant 8.1" HVGA LCD display enables better presentations
- Large battery life provides extended computing
- 1.8 pound weight makes it truly portable
- Fail-safe file synchronization and data recovery software



Empowered by Innovation

NEC

MobilePro 900 Handheld PC

Ever since handheld PCs emerged onto the market, enterprises have recognized their value to their mobile workforce. However, their small size and limited processing power have limited their productivity. But now there's a new handheld PC that's powerful enough to run enterprise applications, while being small enough to be truly portable. The NEC MobilePro 900 Handheld PC is unlike any other handheld available, with the power and features your mobile workforce needs to run your business more effectively in the field.

THERE'S NO OTHER HANDHELD PC LIKE IT TODAY

The new MobilePro 900 from NEC Solutions America is in a class of its own. Its unique form factor boasts a large 8.1" HVGA color screen that's half the size of a notebook PC, with nine levels of backlighting to enable better presentations. It also has a large, touch-type keyboard so fingers actually have room to type¹. And it still has a touch panel and stylus pen so your mobile workforce can capture signatures in the field. Yet with all these enhancements, it's only 5.25" by 9.8" in size, and weighs a mere 1.8 pounds², making it extremely lightweight and portable.

With a powerful Intel® PXA255 processor, featuring Intel X-Scale™ Technology, the MobilePro 900 has the muscle to run big enterprise applications plus custom applications designed for your business. The MobilePro 900 is pre-loaded with Windows® Handheld PC 2000, including pocket versions of essential software such as Microsoft® Word, Excel, Access, PowerPoint, Internet Explorer, Windows Media™ Player, and more. Plus, it has productivity tools and utilities that enable you to load your own applications into Flash ROM so they're permanently embedded in the system. Your mobile workforce will no longer be limited on the road – they'll have everything they need to conduct real business in the field.

The MobilePro 900 will quickly become one of the most productive members of your workforce.



IDEAL FOR FIELD ENTERPRISE USE

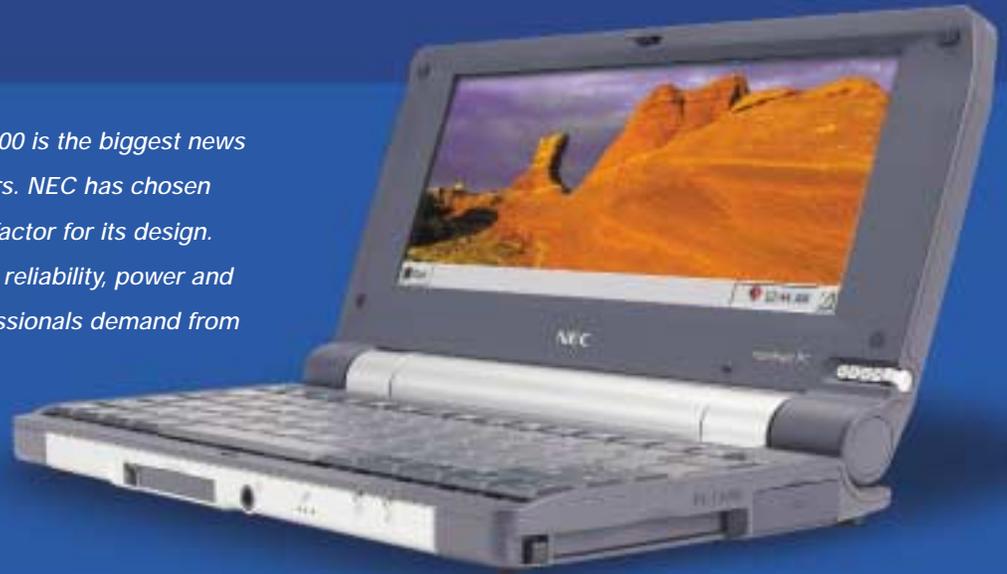
With so much power in the palm of their hands, your mobile workforce can work more efficiently while out of the office. They'll have powerful applications, a full-size screen to view them on, and easier data entry with the large keyboard. The instant-on feature is also a valuable time saver. Just open it, push the power button and they're in business. When they're finished, all they do is close it and the LCD switch turns it off – saving valuable battery life.

The standard lithium-ion battery in the MobilePro 900 has extended computing power, providing an estimated 8 hours of power under normal operation. An optional, larger battery is available, which offers up to 16 hours of power under normal conditions³. Plus it has a coin backup battery,

"The introduction of the MobilePro 900 is the biggest news in handheld PCs in almost three years. NEC has chosen a fast processor and practical form factor for its design. The handheld PC platform offers the reliability, power and interoperability that field-force professionals demand from their mobile enterprise solutions."

Tim Bjarin

*President
Creative Strategies, Inc.*



enabling batteries to be changed on the fly without losing any data. The unit charges rapidly using the A/C adapter, and it also has available an optional back-up battery charger, which allows you to charge another battery in a flash.

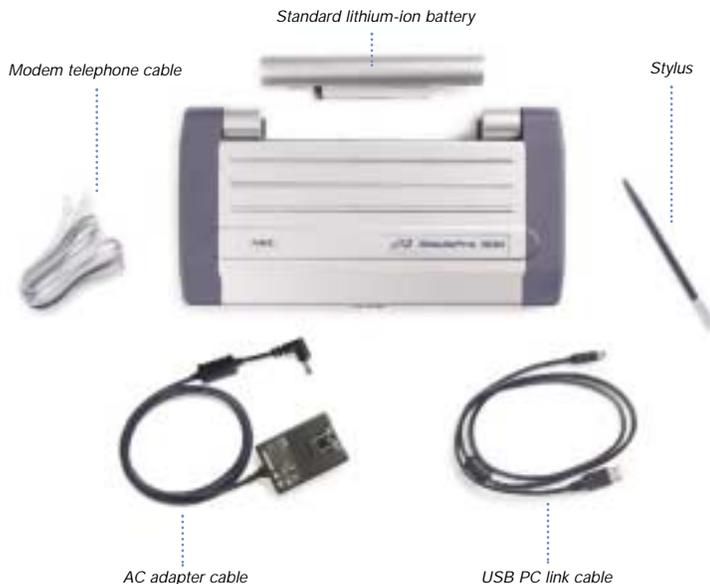
ENHANCED SYNCHRONIZATION

NEC also offers its MobilePro Synchronization System⁴ enabling integrated synchronization capabilities for data uploading and email. IT departments responsible for deploying MobilePro 900 units will appreciate integrated tools for asset management, useable Flash ROM for sending software patches and updates, and longer battery life.

No matter what your employees are doing on the road—healthcare, professional services, field-force automation, sales, public safety, or anything else—the MobilePro 900 gives them the tools to do it more efficiently.

A TOTAL SOLUTION

The MobilePro 900 is the biggest thing to hit the handheld market in years. There's nothing else in its class that's as powerful, convenient, or supported by a company so committed to mobile computing. NEC has an entire division dedicated to the mobile worker, with a full suite of solutions available to keep your field force productive, connected, and protected on the road.



KEY ADVANTAGES

- Powerful processor enables your mobile workforce to conduct business more efficiently in the field
- Large keyboard allows your users to enter data more conveniently
- Additional 32 MB of Flash ROM allows you to permanently embed your custom applications into the system
- Optional Li-ion battery provides extended computing, plus coin battery backup enables changing batteries without shutting down
- Provides secure server-based e-mail and PIM synchronization
- At 1.8 pounds, its incredibly lightweight and portable

MobilePro 900 Specifications

How to Buy

Contact your local NEC Solutions America reseller or sales representative, visit our website <http://www.necsolutions-am.com/mobilesolutions> or call 888-632-8701 for more information.

Processor

- Intel® PXA255 processor at 400 MHz with Intel® XScale™ technology

Memory

- 64 MB of SDRAM standard (100 MHz)
- 64 MB of Flash ROM (32 MB + 32 MB, NAND or NOR Flash type)⁵

Display

- 8.1-inch diagonal DSTN touch screen
- 64K colors
- 640 x 240 (half-VGA) resolution on display
- 9-level backlight control (software control)
- Up to 800 x 600 resolution on external analog monitor

User Data Entry Methods

- 78-key QWERTY keyboard with stylus
- 17.5 mm center-to-center alpha key pitch
- Touch-typeable
- Touch screen (input via stylus)

Buttons and Switches

- Power button — On keyboard; power on/suspend switch
- Software reset switch — Software reset.
- LCD close/off switch — Power on/suspend switch
- Recording switch — Start/stop recording; on keyboard.

LEDs

- Battery status (green/amber)
- Notification (alert) indicator (amber)

I/O Ports

- USB slave
- USB host
- Serial port (Direct Cable connection)
- IrDA 1.1 FIR (4Mbps) port
- VGA port (output)
- Headphone, stereo mini jack
- Modem port
- Power port (DC in)

Modem

- Data — V. 90, 56 Kbps (AT command)⁶
- Fax — 14.4 Kbps (Fax control command Class I)

Sound

- One built-in monaural speaker
- Stereo headphone, 3.5 mini jack
- Internal microphone

Infrared (IrDA) Communication

- Baud rate — FIR 4 Mbps maximum
- Distance — 2 to 20 inches

Serial Interface

- Baud rate — 115.2 Kbps maximum

Expansion

- One Type II PC Card slot
- One Type II CompactFlash card slot

Pre-installed Operating System

- Microsoft Windows CE 3.0 Handheld/PC 2000

AC Adapter

- Input: 100 to 240 V ~ 0.6A
- Output: 12V === 2A

Batteries

- Standard main battery — One 2-cell rechargeable Li-Ion battery pack (included)
- Extended life main battery — One 4-cell rechargeable Li-Ion battery pack (optional)
- Backup battery — CR2032 battery (included)

Battery Life Estimates

	Standard	Large
• Normal operation:	8 hours	16 hours
• In communication:	4 hours	8 hours

Memory Backup

- Approximately 5 hours (with depleted main battery) at ambient temperature of 73°F (23°C).

Recharge Time

- Use the AC adapter to recharge the MobilePro main battery.
 - Recharging time — approximately 5 hours for the standard main battery when system power is off
 - Initial charge time for the main battery — approximately 10 hours with the system off
 - The system must be charged for 10 hours if the main battery is depleted for a prolonged period.

Dimensions

- The following specifications are for the MobilePro 900 with the standard 2-cell main battery installed.
 - Width — 9.69 in. (246.22 mm)
 - Depth — 5.05 in. (128.18 mm)
 - Height — 1.19 in. (30.25 mm)
 - Weight — 1.8 lb. (830 grams)

Accessories

- Bridge battery CR2032
- AC adapter — MC-BA6 (US) Listed Direct Plug-In Power Unit
- Rechargeable 2-cell Lithium-Ion battery pack
- PC Connect USB cable
- RJ-11 telephone cable
- Stylus pen

Options

- AC Adapter (OP-MP9-ACADAPT)
- Standard Li-Ion Battery Pack, 2-cell (OP-MP9-BATTERY)
- Extended-Life Li-Ion Battery Pack, 4-cell (OP-MP9-EXTBATT)
- PC Connect Serial Cable (OP-MP9-LINKSER)
- Stylus Pen (OP-MP9-PEN)
- VGA Cable (MC-RC2)

Software

- Microsoft Handheld PC 2000 operating system and application suite
- ANSYR PDF Viewer
- BSQUARE bBackup (backup utility)
- BSQUARE bFAX (fax software)
- Citrix ICA Client (client side application for connecting to Citrix server)
- Phatware Netprofiler (connectivity to ISP)
- Westtek Printer Drivers
- MobilePro Synchronization System

Limited Warranty

- One-year parts and labor limited warranty⁷
- Concurrent one-year Express service at no extra charge
- Additional Extended Warranties available as options
 - MobilePro Extended Express Service 1 additional year (M9-0000-0730-0000)
 - MobilePro Extended Express Service 2 additional years (M9-0000-1095-0000)

¹ The MobilePro 900 keyboard is 92% the size of a standard notebook computer keyboard.

² Weight with standard lithium ion battery. Optional large battery weighs approximately .25 lbs more.

³ Estimated battery life cycle.

⁴ Requires purchase of server software from NEC Solutions America..

⁵ The additional 32MB Flash ROM may be used to flash applications to field devices.

⁶ Download speed is limited to 53 Kbps. Upload speed is limited to 33.6 Kbps. Actual speeds may vary depending upon line conditions. The built-in modem requires a compatible service provider.

⁷ For a free copy of the limited warranty, see a reseller where our products are sold or write to:

NEC Solutions (America), Inc.
ATT: Warranty Dept.
10850 Gold Center Drive, Suite 200
Rancho Cordova, CA 95670.

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