ProScribe
12-inch ruggedized wireless thin client

The ProScribe (MTPP-0212) is the ideal mobile point-of-care display for physicians and nurses who need to stay connected when moving from patient to patient. With its touch screen, rugged durability, silent operation and wireless connectivity, it enables medical professionals to access patient data anywhere and anytime with minimum risk of downtime.

Made to be mobile
- 1024x768 resolution on 12-inch touch screen
- On-screen keyboard, hot keys and mouse pointer
- Low weight (1.75Kg) and grab & go docking station
- 802.11 b/g/n wireless networking
- Bluetooth 2.1 cordless connectivity (optional)

Equipped to perform
- Windows® Embedded standard operating system and 1.6 GHz processing power
- Thin client operation (Microsoft® RDP, Internet browser, other various SW clients)
- Optionally available with embedded Smart Card & RFID reader and 1D/2D barcode scanner
- Multiple I/O Ports; Ethernet, USB, VGA and audio in/out

Built for medical applications
- Dust/water resistant front screen
- Withstands 1m. drop to a concrete surface (Flash Disk versions only)
- Silent and fanless operation
- Medical-grade compliance

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Technical specifications ProScribe

Easy-to-use
- Touch screen user interface
- Lightweight and designed for portability
- On-screen electronic keyboard
- Programmable hot keys
- 1024 x 768 resolution on 12-inch screen

Ruggedized
- Dust/water resistant front screen
- Withstands 1m drop to a concrete surface (Flash Disk only)

Wireless connectivity
- 802.11b/g/n WLAN for wireless data access
- Full security with WEP, WPA and WPA2 encryption
- Supports various EAP authentication types

Thin client operation
- Microsoft® Remote Desktop Protocol
- Microsoft® Internet Explorer
- Supports various SW clients

Flexible and versatile
- Windows® Embedded standard operating system
- Compatible with PATA and SATA mass storage devices (CF, HDD, SDD)
- Multiple I/O ports: Ethernet, USB, VGA and audio in/out

System specifications

CPU	Intel® Atom N270 (x86 compatible)
CPU speed	1.6 GHz
RAM size	1 GB DDR2 RAM
Flash memory size	4 GB
Operating system	MS Windows® Embedded standard

Display

Touch panel	Resistive type
Screen type	Transmissive TFT LCD
Screen size	12.1 inch /307 mm diagonal
Screen resolution	XGA (1024 x 768)
Active screen area	245.8 mm x 184.3 mm
Brightness	170 cd/m² (typical)
Contrast ratio	250:1 (typical)
Display color	256k colors (18 bits)

Connectivity and controls

I/O Interfaces	1 Gbps wired LAN (RJ-45) RBG Video out (D-Sub15 HD) USB ports (side x 2 - top x 1 with plastic cap) Microphone input (3.5mm jack) Headphone output (3.5 mm jack) Bay for slide-in SATA devices Card reader slot (x 1 - slot only. Reader is optional) Locked Compact Flash/hard disk drive drawer (x1) 17 - 19 VDC power input Docking connector
Embedded I/O	IEEE 802.11 b/g/n WLAN Built-in microphone Built-in stereo speakers
Controls	Touch Screen with stylus pen Force-sensitive track point Track point L/R buttons (x 2) Programmable hotkeys (x 3) On-screen keyboard hotkey Power ON/OFF button (x 1)
Miscellaneous	WLAN status LED indicator Power status LED indicator Security locking slot

Power

AC/DC adapter in	100-240 VAC 1.5A (IT grade) 100-240 VAC 1.5A (medical grade)
AC/DC adapter out	19DC 3.2 A max (IT grade) 19DC 3.15 A max (medical grade)
Battery type	Li-ion, rechargeable
Battery capacity	2400 mAh
Charge duration	Stand-by 6 days
Operating	3 hrs (typical)

Physical characteristics

Dimensions	Width: 313.5 mm Height: 235.5 mm Depth: 35.2 mm
Weight	1.75 kg
Shock resistance	(operating) 1 mt (3 ft.) drop
Dust/water protection	(front face) IP53

Accessories

Included:
- AC/DC power adapter
- Stylus pen
- EU power cord
- US power cord
- Hand-carry Set (Hand-strap, kickstand)
- VESA75 mounting nuts

Optional:
- UK power cord
- Docking station

Optional configurations

- Extended DRAM size up to 2 GB
- Extended Flash Memory size 16 GB
- Solid State disk (1.8 inch) 32 GB
- Hard disk drive (1.8 inch) 80 GB
- Bluetooth wireless interface BT 2.1
- SD card reader
- Smart Card & RFID combo reader*
- 1D/2D barcode scanner*

Note(*): These optional configurations and accessories can be supplied on a project basis, whenever a minimum order quantity is agreed upon in advance.

Environmental specifications

- Temperature (operating)   0°C to 35°C
- Temperature (storage)   -20 °C to 60°C
- Relative humidity (non-condensing) 5% to 85%

Applicable international standards

ITE version:
• Safety:	EN/IEC 60950-1, UL 60950-1 EMC: FCC CFR 47 P.15 Sub B - Class B EN 55022 / CISPR 22 - Class B EN 55024
• Marks:	C-UL-US, CE, FCC

Medical version (optional):
• Safety:	EN/IEC 60601-1, UL 60601-1
• EMC:	IEC 60601-1-2 EN 55011 / CISPR 11 - Class B
• Marks:	C-UL-US, CE, FCC

All versions:
• Radio	FCC CFR 47 P.15 Sub C RSS-210, SAR, IC ID, R&TTE

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