From controlled to extreme environments,
a hand-held computer that gets the job done

IBM 2482 Portable Transaction Computer

- **Battery-powered, hand-held data collection Radio Frequency device**

- **2.4-GHz direct sequence spread spectrum technology**

- **Liquid crystal display (16 x 21)**

- **Standard 5250 emulation software and keypad**

IBM 2482 Portable Transaction Computer

The IBM 2482 Portable Transaction Computer (PTC) is a battery-powered, hand-held data collection RF device. The screen is a liquid crystal display (LCD) that can show up to 16 lines of information, each line up to 21 characters long. Data can be entered into AS/400 applications through the 2482 PTC via an optional bar-code laser scanner, LED pencil wand, or through the PTC keypad. An 800 mAH battery pack, trickle charger, mono-pole antenna, and hand strap ship with the 2482.

Product Overview

Spread-spectrum radio

The 2482 PTC uses a direct-sequence, spread-spectrum radio that operates in the radio frequency band from 2.4 to 2.4835 GHz to transmit the information to the host or network. Power for the PTC is supplied by a rechargeable 800 mAH battery. The battery can be recharged using either the optional fast charger (2 hours) or overnight (8 hours) using the trickle charger.

2482 PTC Optional Features/Accessories

Description	Feature Code
External 4-Bay Fast Charger (with AC Adapter)	0043
Flash Diskette	0063
TN5250 Emulation Software	0910
Standard-Range Laser Scanner (High Performance) with 6 ft. Cable, RJ-41 Connector, and Scanner Holder	9796
Long-Range Laser Scanner (Industrial Performance) with 6 ft. Cable, RJ-41 Connector, and Scanner Holder	9797
Extra Long-Range Laser Scaner (Industrial Performance) with 6 ft. Cable, RJ-41 Connector, and Scanner Holder	9798
Pencil Wand, 6 mll, VR, RJ-41 Connector	9799
Replacement Laser Scanner Cable, 6 ft., RJ-41 Connector	9804
Adjustable Belt (same as included with FC 9806)	9805
Nylon Case (with Adjustable Belt to be worn over shoulder or on waist)	9806
Trickle Charger	9852
Replacement Hand Strap	9930
Replacement Mono-Pole Antenna	9931
Flash EPROM Utility Cable	9932
Spare NiCad Battery Pack, 800 mAH	9967

IBM 2482 Portable Transaction Computer Specifications

Machine type	2482
Physical specifications	Width: 84 mm (3.3 in.)
	Depth: 43 mm (1.7 in.)
	Height: 220 mm (8.65 in.)
	Weight: 0.91 kg (32.5 oz.)
Operating environment	• Operating temperature: -18° to 49°C (0° to 120°F)
	• Electrical Power: NiCad Battery Pack
Software/operating systems	MS-DOS 5.0
	Standard 5250 emulation software for Models 5S0 and 5L0
	Standard PTC/TCP ANSI/VT220 for Models DS0 and DL0
Hardware requirements	• IBM AS/400® Wireless LAN Adapter (FC #2668)
	• One or more 2.4 GHz Wireless LAN Access Point E00s or TR0s (optional)
Software requirements	• AS/400 host: Operating System/400® system Version 3.1 or higher capable of supporting wireless connectivity or
	• Wireless connection for AS/400 (5798-TBW) devices
Warranty	1 year

Laser scanner working-distance

Optional standard-range, long-range, and extra long-range scanner devices are available for use with the 2482. With each model the scanning range of distance depends upon the width of the bar code.

Standard-Range Laser Scanner - Feature Code 9796

Bar code width	Scanner working-distance range
5 mil	x^n to 76.20 mm (x^n to 3 in.)
15 mil	x^n to 406.4 mm (x^n to 16 in.)
55 mil	x^n to 1016 mm (x^n to 40 in.)

* An x indicates that the minimum distance is determined by the symbol length and the scan angle.

Long-Range Laser Scanner - Feature Code 9797

Bar code width	Scanner working-distance range
15 mil	101.6 to 812.8 mm (4 to 32 in.)
40 mil	304.8 to 1930.4 mm (12 to 76 in.)

Extra Long-Range Laser Scanner - Feature Code 9798

Bar code width	Scanner working-distance range
15 mil	914.4 to 1524 mm (36 to 60 in.)
100 mil	1219.2 to 5181.6 mm (48 to 204 in.)
30 mil (retro-reflective)	2438.4 to 3657.6 mm (96 to 144 in.)
100 mil (retro-reflective)	3048 to 10668 mm (120 to 420 in.)
Technical notes for the range tables above	• Unless noted, the bar codes were printed on paper.
	• The measurements were taken at room temperature, scanning photographic-quality bar codes.
	• Specifications are subject to change without notice.

Key Customer Benefits

- Combines the advantages of mobility and real-time host connected computing.
- Rugged, sealed unit designed to be used in harsh environments.
- Designed to be lightweight and user friendly, without the bulk of an integrated scanner.

Supplementary Information

The following sales tools are available for the IBM 2482 Portable Transaction Computer:

- Information on the 2482 Portable Transaction Computer and related products is available at: *www.networking.ibm.com/wireless*.

Wireless

AS/400 Wireless RF Data Collection Devices