

## Product Profile

- "Power" features in a lightweight, ergonomic package
- 386/33 processing power and up to 8MB of memory for performance and efficiency
- Rugged and sealed to withstand harsh industrial environments
- Supports industry standards: MS-DOS, TCP/IP and IBM connectivity
- Easy to maintain "intelligent" batteries
- Batch, 900 MHz, and 2.4 GHz connectivity options
- Standard range, long range, high visibility, and tethered scanner options



### 6 4 0 0 H A N D H E L D C O M P U T E R

#### Maximum User Efficiency

The 386/33 MHz processor and options for up to 8 MB of RAM speed through even the most demanding applications so the user doesn't have to wait. Available 2.4 GHz radio with 1.6 Mbps of throughput means faster response times. "Intelligent" batteries mean no more guessing when a battery needs a charge.

It's not only powerful, but comfortable to hold as well. At .571 Kg (20 ounces) the small form factor, hour glass shape of the 6400 is designed to be comfortable in small or large hands. Bi-symmetrical design, optimized placement, and differentiated coloring of critical keys are all specific designs for speed and efficiency during left or right handed use. In addition, an optional pistol grip easily attaches in seconds for users who prefer "quick draw" scanning.

#### Lower Total Cost of Ownership

Familiar software features such as MS-DOS 5.0, TCP/IP, VT/ANSI, and IBM connectivity are built right in to make the 6400 easy to support with IS resources that already know PCs. The latest in Lilon battery technology means no more worrying about special disposal procedures. And the multiple 5 foot drop spec and water sealed design means it won't be going back to "the shop" every time someone drops it, knocks it off the counter, or splashes water on it. The 6400 is ideal for industrial and warehouse applications.

Flexibility required? Pick from batch, 900 MHz, or 2.4 GHz radio communication options. Connect via terminal emulation or client server applications over Ethernet, or communicate through the standard IrDA port. And select from a variety of standard or special purpose bar code scanners including long range and high visibility.

**Physical Characteristics**

**Size:** 21.72cm x 7.98cm x 6.60cm (LWH) at display (8.55≤ x 3.14≤ x 2.60≤)

21.72cm x 6.60cm x 4.60cm (LWH) at display (8.55≤ x 2.60≤ x 1.60≤)

**Weight:** 490g (17.27 ounces) with battery, no scanner, no radio 525g (18.47 ounces) with battery, no scanner, with radio 543g (19.12 ounces) with battery, with scanner, no radio 577g (20.32 ounces) with battery, with scanner, with radio

**Environment**

**Operating Temperature:**

-20° to 50°C (-4° to 122°F)

**Storage Temperature:**

-30° to 70°C (-22° to 158°F)

**Recharging Temperature:**

0° to 40°C (32° to 102°F)

**Humidity:** Non-condensing (5% to 95%)

**Sealing:** IP54/IP57

**Rain and Dust Resistance:** 63.5cm (25≤) rain/hour for 8 hours

**Drop Survival:** Designed to withstand multiple 1.5m (5¢) drops to concrete without radio and scanner

Multiple 1.2m (4¢) drops with radio and scanner

**Internal Power Source**

**Power Management:** Standby; suspend/resume modes, individual subsystem shut down, built-in, back-up battery retains memory for up to 100 hours

**Power:** 2 cell Lilon, 1,350 mAh smart pack with built-in charging and fuel gauge (4cell, 1,800mAh option for twice the life); internal or external battery charging (500 charge cycles to 55% capacity), 3.0 hour fast charge (in vehicle or office); vehicle or office); vehicle, depot or single docks for charging and communications (optional): mixed 3.3V and 5V design for battery life; operating time between charges: 8 hours typical, based on customer usage of 8 scans and transmissions per minute

**Product Features**

**Memory:** 2, 4 MB FLASH (writable flash disk); 4,8 MB RAM options

**Microprocessor:** Highly integrated AMD386\*\* SC300 386 microprocessor with clock speed of 33 MHz

**Display:** 160 x 128 pixels [6.10cm (2.4≤) diagonally], up to 16 lines by 32 characters CGA controller, power managed back light, temperature, compensated contrast control

**Keyboard:** Alphanumeric; 41 key and 51 key options; hard plastic keycaps for tactile response; keys are located, shaped and color coded according to function to enhance recognition and speed key entry; changeable overlay for shifted functions

**Interfaces:** Industry standard IrDA (infrared), RS232 and RS485, Wireless Local Area Network (2.4 GHz and 902 MHz)

**Software Development Environments:**

MS-DOS\* 5.0 operating system, standard ODI interface to radio network 3

**Regulatory Approvals**

UL 1950, CUL C22.950, EN60950, FCC Class B, CE Mark EN 55022, EN 50082 1992, prETS 300 339, 902-928 MHz FCC Part 15, Industry Canada RSS-210; 2.4 GHz FCC Part 15, Industry Canada RSS 210

**Options**

**Local Area Communications:** Capable of communicating to wireless networks running on Ethernet backbone

**Scanning:** Integrated standard, long range and high visibility laser scanners, and tethered laser scanners

**Mounting:** Vehicle, forklift, single and multi-dock options

**Accessories:** Scanning handle, carrying cases, pouches, holster, belts, single & 8-pack battery chargers

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6001 36th Ave W.  
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Complies with 21 CFR  
Chapter 1, Subchapter J.



This device complies with part 15 of the FCC Rules. Operation is subject to two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that might cause undesired operation.

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