

Superlap

FOR THE EXECUTIVE ON THE MOVE

So, you're a busy executive. You believe in getting things done fast, both in the office and out. You want a laptop computer that will help, not limit, you . . . wherever you use it. The Twinhead Superlap is the perfect laptop for you.

On the road, Superlap gives you standard keyboard spacing that's easy on your fingers; VGA graphics, with 32 shades of gray, that are a delight to your eyes; and a lightweight design that's easy on your arms and back.

At the office, Superlap can be attached to an external keyboard and a color monitor. Its 32-bit 80386SX processor gives you computing power and speed that even many desktops can't deliver . . . as well as the ability to run tomorrow's 32-bit software.

Memory won't be a problem either as Superlap's standard 1 Megabyte of memory is large enough to accomplish almost any task you can think of. In addition, Superlap comes with both a floppy and a hard disk to keep your valuable data safe and sound.

So, if you're looking for a laptop that can keep up with the desktops but won't weigh you down on the road, Superlap is the choice for you.



 **Twinhead**

Superlap-386SX Details

Highlights

- 32-bit 80386SX microprocessor • 16 MHz, PC/AT-compatible • VGA graphics • 1 MB RAM memory standard • Standard spaced keys • Only 12lbs with battery, One-Year Warranty • Quality guaranteed • Complete User's Manual • Interface for internal modem

Specifications

Processor

32-bit 80386SX running at 16 MHz.
Main board socketed for optional 80387SX math coprocessor (running at 16 MHz).

Memory

On-board page-interleave memory access, supports EMS 4.0.
RAM: 1 MB standard, expandable to 4 MB.
ROM BIOS: 64 Kbytes standard.

Clock/Calendar

Real-time clock/calendar with battery back-up. Expected battery life: 5 years.

Mass Storage Support

Built-in 3.5" 1.44 MB FDD and built-in 3.5" 20 MB/40 MB HDD with 1:1 interleave, average access time 28 ms. Contains connector to support 3.5" or 5.25" external FDD.

Video Display

CCFT paper white LCD with 640 x 480 resolution.
VGA video controller, fully backward compatible with EGA, CGA and Hercules standards. Supports LCD display with up to 32 shades of gray and external monitors of up to 800 x 600 resolution, 16 colors.
Brightness and contrast adjustment controls.

Keyboard

Detachable, 83-key QWERTY-style, standard key spacing.
10 function keys, 4 separate cursor control keys, and embedded numeric keys. LED indicators for NUM LOCK, CAPS LOCK and SCROLL LOCK modes.
Supports optional numeric keypad and external standard-size keyboard.

I/O Ports

2 Serial Ports, 9-pin male D-connector, RS-232 compatible.
Parallel Port, 25-pin female D-connector, Centronics compatible.
Video Port, 15-pin female connector, supports external VGA monitor.
FDD Port, 25-pin female D-connector, supports external 3.5" or 5.25" FDD.
Keyboard Port, 6-pin female mini DIN connector, supports external keyboard.
Power Connector, connects to external AC adapter.
Expansion Connector, 100-pin D-connector, supports external expansion card.
Interface for internal modem

Power Supply

External AC adapter, 110V/220V autoswitch, with POWER LED.
Removable 21.6 Amp-Hr Ni-Cad battery, fast recharge with overcharge protection.

Dimensions and Weights

330mm wide, 243mm deep, 86mm high.
12lbs with battery

Environmental

Operating temperature range 5 to 40°C (41 to 104°F)
Nonoperating temperature range -20 to 60°C (-4 to 140°F)
Humidity range 20 to 80%

Software

Resident: Phoenix BIOS for 386SX.
Supplied: MS-DOS 4.01

Documentation

Complete, well-written, and user-friendly color user's manual.
MS-DOS 4.01 manual
Pocket Quickguide.

Other Features

Push-button for Hardware reset.
Stand-by/Resume push-button to turn off high power consumption unit.
POWER, HDD, FDD, BATTERY LOW, and BATTERY IN USE LEDs to indicate machine status.
Retractable carrying handle.

Accessory

Hand-carry bag.

Warranty

One year parts and labor from time of purchase.

Option Specifications

80387SX math coprocessor.
Ethernet LAN Card.
Memory expandable to 4 MB.
Battery Pack.
Optional Internal Modem
Optional Numeric Keypad.
Adapter cable for connection to Toshiba T3100 compatible expansion box
DC-DC Adapter (Auto cigarette lighter)
Battery charger

Trademark Recognition

Hercules Corp.: Hercules; IBM Corp.: PC/AT, VGA, EGA, CGA.
Intel Corp.: 80386SX, 80387SX;
Microsoft Corp.: MS-DOS; Phoenix Technologies, Ltd.: Phoenix; Twinhead International Corp.: Superlap; Xerox Corp.: Ethernet. Information correct at printing date.
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