

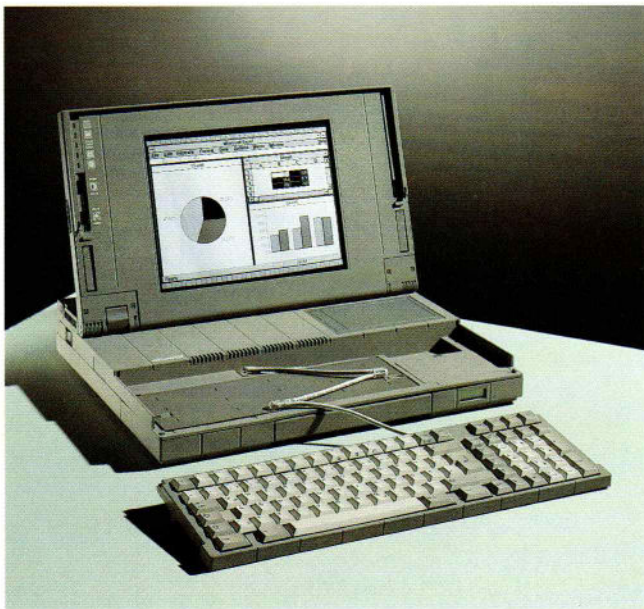
PERSONAL COMPUTER
LAPTOP S20

The innovative 1.



olivetti

LAPTOP S20



The Laptop S20 in the Olivetti 1. line of portables, in the first completely modular PC. Based on the advanced Intel 386SX microprocessor, its innovative design enables you to configure a system to meet your precise and exacting needs. The first dual purpose computer, it's designed to be a laptop on the move and a fully featured desktop in the office.

MODULARITY AND EXPANDABILITY WITH 1.

To meet your expansion needs, the base unit features parallel and serial interfaces, and three expansion slots — for half size AT compatible boards, the Olivetti modem or fax/modem and memory expansion. There are dedicated connectors for an optional VGA monitor, portable printer and/or docking expansion module. The expansion module can house two full-size industry standard boards, 5.25" FDU, hard disk drives and CD ROM.

TECHNOLOGY AND ERGONOMICS WITH 1.

As a portable, the Laptop S20 is a fully featured PC — in a compact unit weighing only 5.5 kg. For absolute working comfort, the 101/102 key professional keyboard can be removed and used outside the base unit. The LCD display has a unique two position adjustable support for ease of viewing, and can be replaced with optional EL (electroluminescent), Plasma or LCD colour displays. The standard 2 MB RAM is expandable up to 12 MB and, combined with the 3.5" 1.44 MB MFDU, provides compatibility and power to run the full range of 386 applications.

INNOVATION AND INTERACTION WITH 1.

The Laptop S20 also boasts many other innovative features, offering you both power and speed. Fast disk access time is assured with the 19 ms, 2.5" (40/60 MB) hard disk unit. The Intel 386SX microprocessor runs at 20 MHz and combined with the 16 KB cache memory provides ample processing power. The unique Olivetti integrated touch sensitive mouse pad provides compatibility and interaction with the increasing range of graphics applications available. Designed for ease of use, the screen cursor can be moved either with a finger or stylus on the pad.

POWER AND PROFESSIONALISM WITH 1.

A true "computing platform" on the move, the Laptop S20 is Olivetti's answer to fast developing corporate needs. A powerful and innovative tool for programmers, consultants and technicians: for those who need to take their professionalism and expertise with them, wherever they go.

Portable freedom — desktop power, it's all in 1.



TECHNICAL SPECIFICATIONS

MICROPROCESSOR

- ☐ Intel 386SX; 0 ws;
- system clock 20/10/6/5 MHz,
- switchable from keyboard

COPROCESSOR

- ☐ Intel 387SX 20 MHz (optional)

ROM BIOS

- ☐ 128 KB - IBM AT compatible

CACHE MEMORY

- ☐ 16 KB of static high-speed memory, with cache controller

STANDARD MEMORY

- ☐ 2 MB (640 KB base memory plus 1408 KB, configurable as extended memory or LIM EMS 4.0 expanded memory - shadow memory also supported)

MEMORY EXPANSION

- ☐ 4, 6, 10 or 12 MB, can be configured as extended memory or expanded LIM EMS 4.0 memory; or used with MS OS/2, XENIX or UNIX
- ☐ Easily installed by the user

INTERFACES

- ☐ Serial RS 232-C
- ☐ Parallel Centronics
- ☐ External keyboard - PS/2 compatible
- ☐ External mouse - PS/2 compatible
- ☐ External monitor - VGA compatible
- ☐ Docking connector for expansion modules
- ☐ Interface for overhead LCD display

EXPANSION SLOTS

- ☐ 1 half size, industry standard, AT compatible slot
- ☐ 1 "proprietary" slot for modem or fax/modem board
- ☐ 1 memory slot for memory expansion

INTEGRATED MASS STORAGE DEVICES

- ☐ Floppy disk unit: 3.5" (720 KB/1.44 MB)
- ☐ Hard disk unit: 2.5" (40/60 MB) 19 ms access time

DISPLAY

- ☐ Removable screen: LCD monochrome
- ☐ 640×480 pixel resolution
- ☐ VGA compatible
- ☐ 32 shades of grey
- ☐ Display area: 217×164 (mm)
- ☐ Optional: EL, Plasma and LCD colour displays

KEYBOARD

- ☐ Removable 101/102 key professional keyboard - PS/2 compatible

INTEGRATED MOUSE

- ☐ Touch sensitive mouse pad - PS/2 compatible
- ☐ Two mouse function keys

POWER CONTROL and SYSTEM

- ☐ Microprocessor controlled power management system
- ☐ LCD battery level indicator
- ☐ 5 LEDs displaying machine status

EXPANSION UNIT

- ☐ AC powered with:
- ☐ 2 AT full size slots
- ☐ Connections for 5.25" FDU, HDU, CD ROM, streaming tape
- ☐ No connection cables required

OPTIONS

- ☐ EL (electroluminescent) display
- ☐ Plasma display
- ☐ LCD colour display
- ☐ Intel 387SX coprocessor
- ☐ Integrated modem board
- ☐ Integrated fax/modem board
- ☐ 2 or 8 MB memory expansion kit
- ☐ Portable printer
- ☐ Expansion Unit
- ☐ LCD overhead display
- ☐ Second NiCad battery pack
- ☐ Car adapter

SOFTWARE

- ☐ MS-DOS version 3.3 and above
- ☐ MS OS/2 version 1.1 and above
- ☐ SCO XENIX V version 2.3 and above
- ☐ SCO UNIX V/386 version 3.2

DIMENSIONS AND WEIGHT

- ☐ Dimensions: (W×D×H) 386×300×61 mm
- ☐ Weight: 5.5 kg (including battery pack)

POWER SUPPLY

- ☐ Rechargeable NiCad battery pack
- ☐ Universal AC power supply module 100/240 V, 50/60 Hz (with facility for charging second battery)

BATTERY LIFE

- ☐ Up to four hours, depending upon peripherals used

STANDARD ACCESSORIES

- ☐ Universal AC power supply module
- ☐ Rechargeable NiCad battery pack
- ☐ Starter Kit
- ☐ Carrying case

CERTIFICATION

- ☐ The Laptop S20 is designed and constructed in accordance with the following safety standards:
 - IEC 950 (EN 60950)
 - UL 478
 - CSA C22.2 No. 220
- ☐ and is provided with the following approvals:
 - UL (USA)
 - CSA (Canada)
 - NEMKO (Norway)
 - DEMKO (Denmark)
 - FEI (Finland)
 - GS (Germany)
- ☐ As to EMI suppression, the Laptop S20 is in compliance with the following standards:
 - CISPR 22 (EN 55022)
 - VDE 0871, Class B
 - FCC, Class B
- ☐ and is provided with the following approvals:
 - VDE F 871-B
 - FCC Class B

TRADEMARKS

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