PORTABLE PERSONAL COMPUTERS

ECHOS

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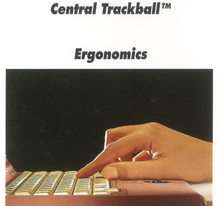
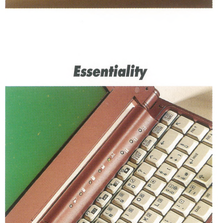
Attractive colours

Central Trackball™

Ergonomics



Essentiality



ECHOS: THE ESSENTIAL PC

The notebooks in Olivetti's new Echos range know how to keep just the right distance between you and a dull day.

An attractive colour in three different shades, an original shape, tactile surfaces; an intelligent combination of aesthetics and ergonomics. An object you can really call your own and use in absolute comfort.

Your fingertips can skim over the keys, but your hands rest on the computer. The centrally placed trackball with its two unobtrusive buttons can be moved with either thumb. The wide backlit display ensures good visibility in all environmental conditions.

Close it up, and you can hold the Echos in your hand like a book. Once you open it, you have a fully fledged 486 PC which weighs little more than two kilos and takes up no more room than a sheet of writing paper.

State-of-the-art technology and processing power that go where you go. Echos matches the experience accumulated by Olivetti, the leading European PC player, with the requirements of the business user. A portable PC that meets the ever-growing need to boost output through affordable investments.

Echos incorporates leading-edge information technology facilities in an ergonomic, essential solution designed to ensure maximum cost-effectiveness.

And it does so in the most natural way. The Olivetti Echos notebooks are totally environment friendly: the greatest possible number of recyclable parts, power consumption below the level stipulated by the EPA (Environmental Protection Agency), extremely low electro-magnetic emissions.

Echos 42: ideal for the newcomer to the world of portables. A 486SX/25 at a highly competitive price, for those who don't require colour.

Echos 43 color: a 486SX/33 with a large memory capacity, so you can use any standard application, anywhere.

Echos 44 color: a 486DX2/40 with high processing speed, for the most demanding graphics applications.

Performance

Each Echos model flanks the power of the CPU with the expandability of a desktop (2 PCMCIA slots), the speed and readability of a professional monitor (VESA local bus, DSTN colour display) and the storage capacity of a small workstation (4-24 MB of RAM, hard disk up to 240 MB).

Modularity

A modular architecture makes an Echos notebook a lasting investment. The CPU can be upgraded in line with technological developments and customer needs.

Software

The software is all pre-installed - from the operating system to the Windows environment, from the on-line manuals to the Personal Information Management developed by Lotus exclusively for Olivetti.

Options

All the Echos notebooks can be customized thanks to a range of options: the QuickDesk Port Duplicator to increase connection facilities; 4 and 16 MB memory expansions to extend the RAM up to 24 MB. Plus rechargeable batteries, external battery charger, car adapter.

Accessories

For greater comfort and security, the Echos notebooks have a number of accessories: a roomy, practical canvas bag to hold your PC and its add-ons; a steel anti-theft cable; an acoustic security box.

PCMCIA slots

The Echos notebooks are fitted with two PCMCIA slots (miniaturized AT slots) to house all types of PC cards, including Type II (modem and LAN connection) and Type III (hard disk and radio connections).

Quality

The outstanding quality of the Echos notebooks has been certified by the international quality institutes. The models fully comply with IEC 950 (EN 60950), UL 1950 and CSA C22.2 no. 950 safety standards and with VDE Vfg. 243 Class B, FCC Class B and CISPR EN 55022 Class B EMI suppression requirements.

Rubber connector cover

Modular architecture

3.5" diskette drive

PCMCIA slots

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Technical Specifications	ECHOS 42	ECHOS 43 color	ECHOS 44 color
Dimensions (WxDxH)	286x216x39.8 mm	286x216x42.8 mm	286x216x42.8 mm
Weight (Kg)	2.2	2.4	2.4
Integrated Trackball™	•	•	•
Microprocessor	i486 SX Enhanced	i486 SX Enhanced	i486 DX2 Enhanced
Clock speed (MHz)	25	33	40
Integrated coprocessor	-	-	•
Voltage (V)	3.3	3.3	3.3
RAM std/max. (MB)	4/24	4/24	4/24
MS-DOS 6.2, MS Windows 3.1, Lotus Organizer for Olivetti	•	•	•
Online documentation and specific drivers	•	•	•
Secur PC system	•	•	•
HDU (MB)	120	170	170/240
3.5" diskette drive (MB)	1.44	1.44	1.44
PCMCIA slot	2 type II or 1 type III	2 type II or 1 type III	2 type II or 1 type III
Local video bus	VESA	VESA	VESA
9.4" backlit B&W LCD	•		
9.4" backlit color LCD		•	•
VGA internal resolution	•	•	•
VGA Plus/SVGA external resolution	•	•	•
64 shades of grey	•		
256 colors		•	•
Keyboards (keys)	82/83	82/83	82/83
Parallel/Serial interface	•	•	•
Keyboard & mouse interface	•	•	•
RGB interface	•	•	•
Battery life (hours)	6 to 8	6	6
Recharge time	1.5	1.5	1.5
EPA	•	•	•
Duplicator port interface	•	•	•
Carrying case (opt.)	•	•	•

Code: 3994073P-00
Printed in Italy
(Tip. Ivrea Grafica 10/94)

With the right to vary the technical specifications.

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