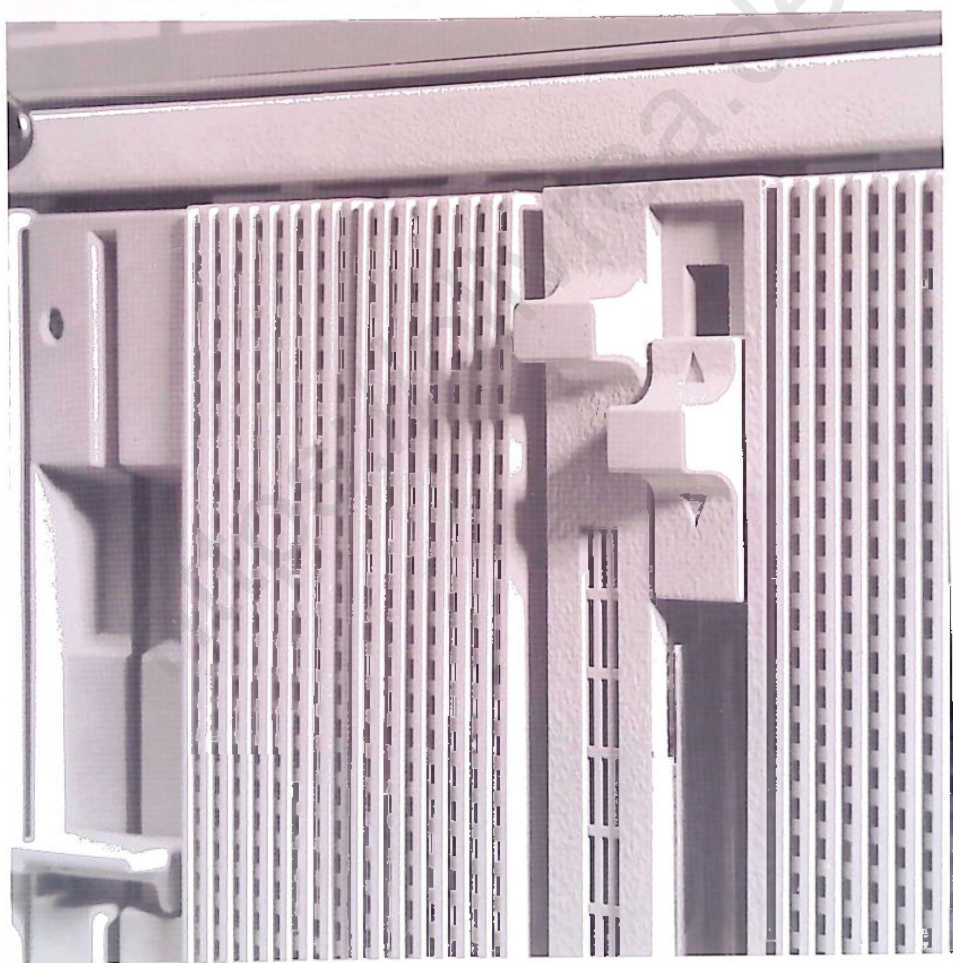
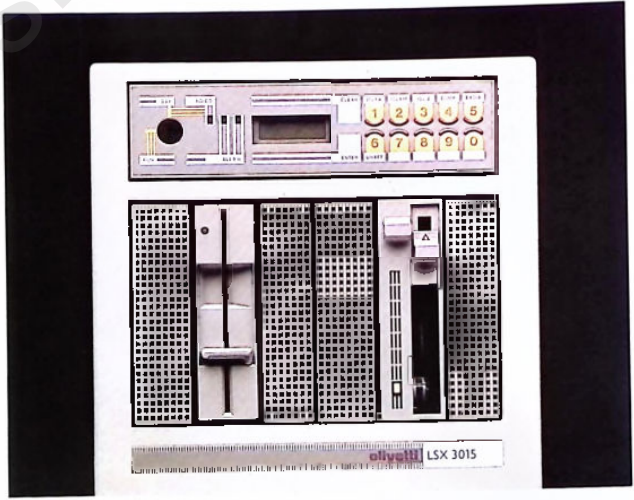


LSX 3000 Minicomputer Family
LSX 3015



olivetti

Olivetti LSX 3015 is a programmable, multi-user, stand-up minicomputer operating in multifunctional mode. LSX 3015 is designed principally for business, distributed data processing and scientific-technical applications, and for Office Automation.



CPU (Central Processing Unit)

- 32 bit microprocessor MC 68020 (20 MHz)
- Up to 12M byte addressing
- 4M byte dynamic RAM
- Performance: 2 MIPS
- Up to 16 users

COPROCESSOR

- Floating point arithmetic unit MC 68881
- Conforms to IEEE P754 standard, Draft 10.0
- Operating to 8, 16 or 32 bits
- Single and double precision

MEMORY MANAGEMENT UNIT

Virtual memory support

MAIN MEMORY

- Dynamic RAM with automatic refreshing
- Parity bit generation and byte level checking
- 4M or 8M byte boards
- Organization: 32 bit data path arrays
- Byte, word and double word access
- Burst Access capability: 4 sequential double words in one bus cycle
- Access time: 100 ns

SYSTEM BUS

32-bit Olivetti proprietary bus.

MASS STORAGE

- Diskette
 - Hard disk unit
 - Streaming tape
- The storage devices are handled by an Intel 80186-based intelligent file processor with 512K byte RAM and a high speed DMA channel.

Diskette

- Interface: SA 450
- 5.25 inch size slim
- Data capacity (formatted): 1M or 1.2M byte in MFM mode

Hard disk unit

- Interface: SCSI ANSI X3 T9.2
- 5.25 inches slim size
- Data capacity (formatted):

M byte	Average seek time (ms)
140	25
315	18
640	18

Streaming tape

- Interface: QIC 36
- 5.25 inches slim size
- Transfer rate: up to 90K byte/s
- Data capacity:
 - 45M bytes (450 ft tape)
 - 60M bytes (600 ft tape)

Streaming tape

- Interface: SCSI
- 5.25 inch slim size
- Transfer rate: up to 112.5K byte/s
- Data capacity: 150M byte

ASYNCHRONOUS PORTS

- 4-way intelligent multiplexer
 - RS-232C or +20 mA Current Loop interfaces
 - Half/full duplex mode
 - Individual channel transmit/receive rate
 - Up to 38400 bps per channel
 - Total throughput: 76800 bps
- 8-way intelligent multiplexer
 - RS-232C or +20 mA Current Loop interfaces
 - Half/full duplex mode
 - Individual channel transmit/receive rates
 - Up to 38400bps per channel
 - Total throughput: 15000 char/s

LOCAL AREA NETWORK (LAN)

- Intelligent controller (MC 68000 based)
- Up to 512K byte dynamic RAM
- Dual channel with IEEE 802.3 standards
- Starlan and Ethernet connection

WIDE AREA NETWORK (WAN)

- Intelligent controller (Intel 80186)
- Up to 1M byte dynamic RAM
- Dual channel:
 - V24
 - V24, X24, V35, V36 (selectable)

CONFIGURATION

- 11 slots
- Up to 8 asynchronous ports (MOS)
- Up to 16 asynchronous ports (X/OS)
- Up to 2 removable storage devices
- Up to 2 fixed storage devices
- 1 local area network controller
- 1 wide area network controller

SOFTWARE

- MOS (Multifunctional Operating System)
- X/OS (UNIX System V-based Operating System)

WORKSTATIONS

- General purpose workstation with black and white alphanumeric video display (similar to WS 685)
- Professional workstation using specialised devices (pin-pad, badge reader, etc...):
 - Personal Computer
 - Integral workstation
- Graphic workstations:
 - Specific controller
 - High resolution (1280x1024 pixels)
 - Colour
 - Mouse

PRINTERS

Wide choice of printers to satisfy various user requirements:

- General purpose printers
- High quality printers
- Printers configured with front feed device for single forms and bank passbooks
- Graphic printers
- Colour printers
- Printers using dot matrix continuous profile print mode
- Laser printer
- Printers operating with pin feed or sprocket feed continuous form
- Printers using single feed forms

Electrical Specifications

110-120-220-240 V a 50 Hz
110-115-220 V a 60 Hz
Voltage variation: 10% 15%
Frequency variation: 2%
Optional uninterruptable Power Supply:
0.5 kW

Physical Characteristics

- Basic box:
 - Dimensions:
 - H 750 mm
 - W 302 mm
 - D 650 mm
 - Weight: 68 kg

Operating Environment

Temperature: 10°C 40°C
Relative humidity: 20% 80%

STEINER COMPUTER AG

6285 Hitzkirch, Industriestrasse 2
Telefon 041-85 01 85
Telefax 041-85 38 85

olivetti NOVELL NetWare

TRADEMARKS

Ethornel is a trademark of Xerox Corporation
Intel 80186 is a registered trademark of Intel Corporation
LSX is a trademark of Ing. C. Olivetti & C., S.p.A.
MC 68020, MC 68081, MC 68000 are trademarks of Motorola Corporation
Starlan is a trademark of AT&T
UNIX is a registered trademark of AT&T
X/OS is a trademark of Ing. C. Olivetti & C., S.p.A.

Code 39237632 00
(Tip. Ferrera - 11/89)
Printed in Italy

With the right to vary the technical specifications