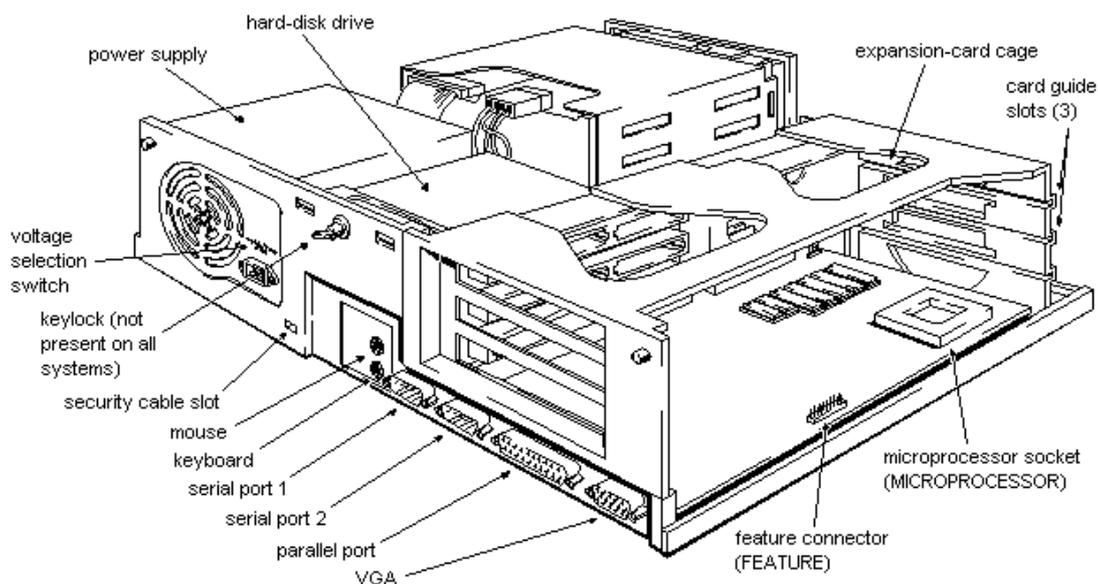


Specifications: OptiPlex 4xx/Le (4XXDL)

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Component Locations



Microprocessor

Microprocessor type	33-MHz SL Enhanced Intel 486 SX chip; 50-MHz SL Enhanced Intel 486 SX2 chip; 50-MHz internal/25-MHz external SL Enhanced Intel 486 DX2 chip; 66-MHz internal/33-MHz external SL Enhanced Intel 486 DX2 chip; 100-MHz internal/33-MHz external SL Enhanced Intel 486 DX4 chip
Internal cache	16 KB for the SL Enhanced Intel 486 DX4 microprocessor; 8 KB for all other microprocessors
External cache:	
Intel 486 DX2 and Intel486 DX4	128-KB static SRAM (standard)
Intel 486 SX and Intel 486 SX2	128-KB static SRAM (optional upgrade)
Math coprocessor	internal to all microprocessors except the SL Enhanced Intel 486 SX and SL Enhanced Intel 486 SX2
Microprocessor socket	LIF

System Information

System chip set	VLSI
Data bus width	32 bits
Address bus width	32 bits
DMA channels	7
Timers	3
Interrupt levels	15
VGA/system BIOS chip	128 KB
Serial port UART	16550-compatible

Expansion Bus

Bus type	ISA and VL-Bus™ (optional)
Expansion slots	3 full-length, 16-bit ISA 2 optional VL-Bus
ISA bus speed	8.33 MHz for 50-MHz processor; 8.25 MHz for 33-, 66-, and 100-MHz processors
VL-Bus speed	25 MHz for 50-MHz processors; 33 MHz for 33-, 66-, and 100-MHz processors
ISA expansion-slot data width	16 bits (maximum)
VL-Bus expansion-slot data width	32 bits (maximum)

Memory

Architecture	page mode
Wait states	near zero
SIMM sockets	2
SIMM capacities	4, 8, 16, and 32 MB
SIMM type	32-bit nonparity or parity
Minimum RAM	4 MB
Maximum RAM	64 MB
Memory access time:	
tRAC	70 ns
tCAC	20 ns
External cache	128-KB, direct-mapped SRAM (standard in the SL Enhanced Intel 486 DX2 and SL Enhanced Intel 486 DX4 chips; optional in the SL Enhanced Intel 486 SX and SL Enhanced Intel 486 SX2 chips)
Flash BIOS address	F0000h

Drives

Externally accessible bays	(2) 5.25-inch bays
Internally accessible bays	(1) 3.5-inch bay

Ports

Externally accessible:	
Serial (DTE)	(2) 9-pin connectors (16550-compatible, 16-byte buffer)
Parallel	(1) 25-hole connector (bidirectional) (AT-, PS/2-compatible)
Video	(1) 15-hole connector
PS/2-style keyboard	(1) 6-pin mini-DIN
PS/2-compatible mouse	(1) 6-pin mini-DIN
Internally accessible:	
IDE	40-pin connector
Diskette drive	34-pin connector
VGA feature connector	16-pin connector

Video

Video type	local-bus VGA
Video chip set	Cirrus CL-GD5429
Data width	32 bits
Video memory	1 MB
Maximum resolution	1280 x 1024, 16 colors

Processing-Speed Key Combinations

<Ctrl><Alt><.>	toggles microprocessor speeds on 101-key keyboard
<Ctrl><Alt><#>	toggles microprocessor speeds on 102-key keyboard

System-Function Key Combinations

<Ctrl><Alt>	restarts (reboots) the computer
<Ctrl><Alt><Enter>	starts System Setup program (MS-DOS® only)

Power

DC power supply:

Wattage	145 W
Voltage	115 V at 60 Hz or 230 V at 50 Hz

Physical

Height	10.2 cm (4.0 inches)
Width	43.2 cm (17.0 inches)
Depth	42.2 cm (16.6 inches)
Weight	9.00 kg (19.88 lb)

Environmental

Temperature:

Operating	0° to 35°C (32° to 95°F)
Storage	-40° to 65°C (-40° to 149°F)
Relative humidity	8% to 80% (noncondensing)

Vibration:

Operating	0.25 G at 3 to 300 Hz for 15 minutes
Storage	0.5 G at 3 to 300 Hz for 15 minutes

Shock:

Operating	5 G for 11 ms
Storage	20 G with a velocity change of 1397 mm/sec

Altitude:

Operating	-16 to 3048 m (-50 to 10,000 ft)
Storage	-16 to 10,600 m (-50 to 35,000 ft)

Regulatory Notices

FCC (U.S. only)

Class B

DOC (Canada)

Class B

CE

Class B

FCC ID

E2K486LN