

D Specifications

Processor Options	Intel 486SX, 25 or 33MHz. Intel 486SX2, 50MHz. Intel 486DX, 33MHz. Intel 486DX2, 50 or 66MHz. Intel 486DX4, 75 or 100MHz. Intel 486 DX2 3.3V Support. Intel Pentium <i>OverDrive</i> Processor. 486 OverDrive Processor. Cyrix DX2/80 or DX/40. AMD DX40, DX2/80, or DX4/100. AMD SX, 25 or 33MHz.
Expansion	One proprietary slot supports VL-Bus or PCI Riser card (slot configuration varies depending on case design).
Chip Sets	Micronics X30 single chip ASIC. CMD 640B Mode 3 Localbus IDE controller. SMC 665 Super I/O.
RAM Capacity	128MB.
Form Factor	Mini AT footprint (8.5" x 9.5"). 4 Layer PCB.
Keyboard	PS/2 compatible.
Mouse	PS/2 compatible.
BIOS	Phoenix BIOS on 1MB Flash EPROM.
Cache	8K of internal cache memory (may vary).
Cache Upgrade	Optional 256K or 512K of secondary cache memory (write-through or write-back).

Built-in Video	ATI 68800 <i>mach64</i> LX. 1MB DRAM frame buffer. Resolutions Supported: 640x480 (65,536 colors). 800x600 (256 colors). 1024x768 (256 colors). 1280x1024 (16 colors).
I/O Ports	Built in support. Two serial ports. One bi-directional parallel port. Enhanced Parallel Port (EPP) compatible. Microsoft and Hewlett Packard Extended Capabilities Port (ECP) compatible.
Floppy Port	Supports two floppy drive (2.88, 1.44, 1.2, 720K, 360K).
IDE Support	Supports two IDE hard disks. LBA support.
Burn-in	48 hours (minimum).

SoundDrive 16 Controller Specifications

Features	Full compatibility with the following sound and multimedia standards: ⊗ Sound Blaster. ⊗ AdLib. ⊗ Microsoft Windows Sound System. ⊗ MPC Level I and II.
Chipsets	ESS688 Audio Drive. Yamaha OPL3 FM Synthesis.
Interfaces	DB-15 port for Joystick/MIDI Port. 3.5 mm mono jack for microphone input. 3.5 mm 4W amplified speaker output. 3.5 mm stereo jack for line input. 3.5 mm stereo jack for line out.

Additional
Features

FM Synthesizer

20-voice Stereo Synthesizer.

Stereo Digital/Analog Mixer (built-in)

Selectable input and mixing of all audio sources for recording:

Line-in.

Stereo CD-Audio.

Mono Microphone.

Synthesizer.

Digital Audio.

Stereo Digitized Audio Playback

8-bit and 16-bit sample modes.

Sampling Rate of:

2KHz to 44.1KHz (mono or stereo) .

Hardware audio decompression ESPCM (ratios of 2:1, 3:1, and 4:1).

Audio Amplifier

Frequency Response: 20Hz to 22KHz.

Stereo Digitized Audio Recording

8-bit and 16-bit sample modes.

Sampling Rate of 2KHz to 44.1KHz.

MIDI

Sound Blaster type Joystick/MIDI cable.

Joystick Port/MIDI Interface

Standard built-in (15-pin D-sub) connector.

Game I/O port for PC analog joystick.

Built-in interface for Sound Blaster MIDI cable. with MIDI IN and MIDI OUT connectors.

MIDI time-stamp for Multimedia extension.

Sound Blaster MIDI compatible.

64-byte FIFO buffer.

Mono Microphone Input

Automatic Gain Control for direct sound input.

14,400 Fax Modem Module Specifications (Optional)

Data Mode	V.32bis: 14400bps/9600bps/4800bps. V.22bis: 2400/1200bps. Bell 212A: 1200bps. Bell 103: 300bps.
Fax Mode	V.17: 14400bps transmit and receive. V.29: 9600/7200bps transmit and receive. V.27ter: 4800/2400bps transmit and receive. V.21 channel 2: 300bps transmit and receive.
Transmit Level	-10 dBm.
Receive Level	-10 dBm to -43 dBm.
Command Set	Extended AT command set. EIA-578, Service Class 1 commands.
Profile Storage	NVRAM allow storage of two user configurations and four 36-digit dial string.
Miscellaneous	Supports software V.42/MNP2-4 and V.42bis/MNP5. Communication software compatible. Automatic adaptive/fixed compromise equalization. Full-duplex data mode test capabilities: Analog loop, local digit loop, and remote digit loop.

Environmental Specifications

The environment where the LPX30WB is located is critical. Micronics recommends the following environmental specifications:

Temperature Range

Operating: 50 to 104 degrees Fahrenheit (10 to 40 degrees Celsius).

Non-Operating: 50 to 140 degrees Fahrenheit (10 to 60 degrees Celsius).

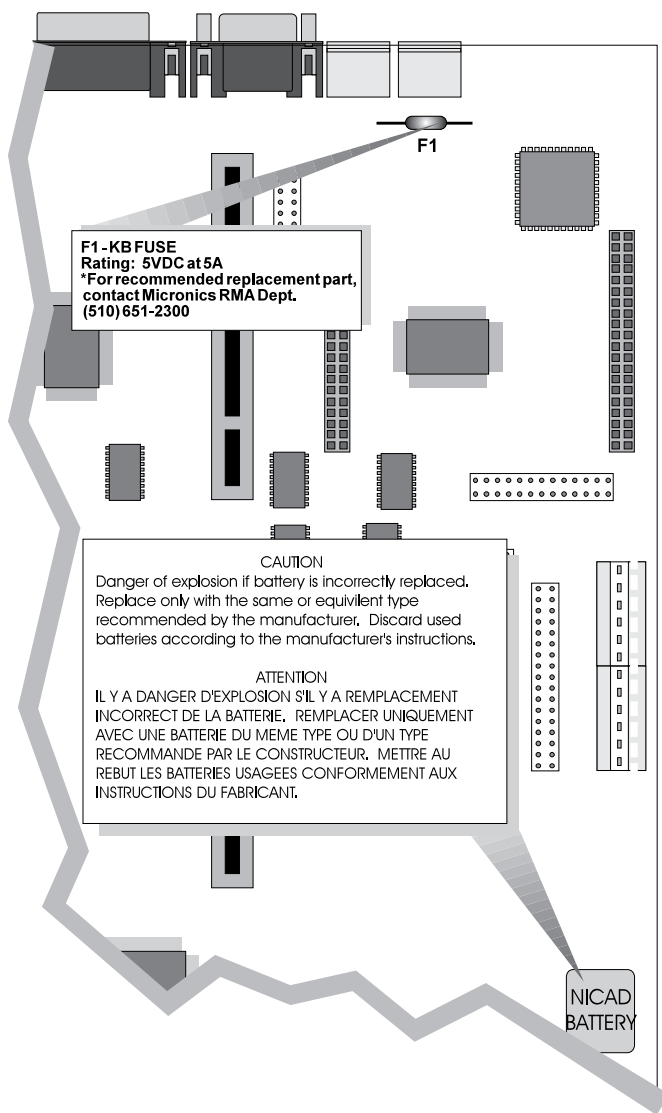
Shipping: -22 to 140 degrees Fahrenheit (-30 to 60 degrees Celsius).

Relative Humidity

Operating: 20% to 80%.

Non-Operating: 5% to 90%.

Battery Disposal



Warning:

DO NOT: open battery; dispose of in fire; recharge; put in backwards, mix with used or other battery types.

May explode or leak and cause personal injury.