picoLCD 20x2 (OEM)

Quantity	Price
1 – 49	$39.95
50 – 99	$35.50
100 – 499	$32.75
500 +	$29.50

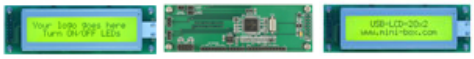
Price:

More: Get Quote

Quantity: 1 BUY

Availability: **Usually ships in 24h.**

Designed and Manufactured by MINI-BOX.com



FEATURES

- New! added IR decoding functions and an Ubuntu package
- 20x2 character USB LCD Display
- True full-speed USB HID device
- USB full-speed 2.0 support
- 10 custom splash screens, custom timing / looping
- IR receiver connector
- Keypad / LED connector
- USART and I2C connectors
- Supports 8 GPO
- Software support for Windows and Linux platforms
- Open source SDK and source code
- Built in ASCII character set with support for user defined characters
- Electroluminescent green backlight
- On the fly firmware updates
- PicoLCD: 0.74 x 3.28 in.
- Overall size with PCB: 1.47 x 4.57 in.

Compatibility:

Mini-Box USB LCD is an intelligent 2x20 character USB LCD display module with InfraRed receiver and keypad interface. This USB LCD display device it's a true USB HID device (not serial or parallel port to USB emulated) supporting high speed data transfers and easy application developmen without any special drivers needed.
picoLCD is not limited to a USB only connection it can be connected thru I2C or USART.

Mini-Box has designed picoLCD with the ease of use in mind reducing the time and money needed for integrators to launch a new product with picoLCD. Our sample applications provides windows and linux platform support with open source code and SDK available.

Mini-Box USB LCD has built in 8x5 dots ASCII character font with 8 used definable characters and provides 8 GPO (General Purpose Output) pins. Internal EEPROM allows firmware upgrading and splash screen definition. On power on Mini-Box USB LCD is able to show up to 10 user defined splash screns with custom timing, order and led/gpo status.

Vista SideShow driver support will be added in Q1/2007. Other Vista SideShow character and graphic hardware LCD display products will be available soon. For more information please send an email to sideshow{at} mini-box.com

Uses:

- Rackmount 1u, 2u or larger cases
- Servers systems to display vital data
- Embedded systems
- Small external USB devices used for monitoring or displaying realtime data

TOP SELLER

picoPSU-120
Tiniest DC-DC ATX power supply

NEW PRODUCT

picoPSU-160-XT
high reliability 160watt (200watt peak) , DC-DC ATX PSU

DCDC-USB
Intelligent DC-DC converter with USB interface

picoPSU-80
mini-ITX power supply optimized for Atom processors

M350 Universal Mini-ITX enclosure
The Swiss Army Knife of Embedded mini-ITX Computing

picoLCD 256x64 Sideshow (OEM)
picoLCD 256x64 auxiliary display with Vista Sideshow support

M3-ATX-HV
wide input Intelligent Automotive DC-DC Car PC Power Supply

Documentation

Generic documentation

Hardware installation guide	Download
Firmware update guide	Download
Bootloader hardware programmer guide	Download

Windows documentation

Usb LCD software guide	Download
Software developer guide	Download
WinAmp PlugIn Readme	Download

Linux documentation

Writing linux software using libusblcd SDK	Download
Using usblcd linux client	Download

Software Downloads

Windows Software

Windows Vista SideShow drivers
Windows Vista driver which adds support for Sideshow gadgets on picoLCD.
picoLCD software suite(Updated: IR support)
Windows XP software suite including a TCP Server with GUI client LCD application, a command line application and an utility to update the firmware.
picoLCD Windows SDK(Updated: IR support)
Windows source code for GUI client and the TCP server.

Linux Software

Linux version doesn't require any extra kernel module (just usb host drivers support) entire LCD can be controled from userspace thru libusb !

picoLCD can be used on linux with the following software:

- **LCDProc with keypad/IR support**:
Available in latest release (0.5.3) from lcdproc homepage or here.
An Ubuntu package preconfigured for picoLCD is available here: lcdproc_0.5.3-1_i386.deb
- **LCD4Linux**: download here or a precompiled binary with configuration for picoLCD: here

- **picoLCD OEM SDK** *(includes RC5/RC6 decoding functions, Keypad support, LCD display functions and custom widgets like histograms, vumeters, custom characters)*:
picoLCD20x2-SDK-0.1.8.gz

Examples of using linux client from BASH scripts
Free Hard Drive Space Monitor
Idle CPU Monitor
CPU Temperature, Fans RPM, Network traffic (for VIA mini-itx mainboards)

Examples of custom characters icons
Earth Globe 8 chars icon
Letter 8 chars icon

RELATED ITEMS

Related items for picoLCD 20x2

USB 5 pin to 5 pin cable

USB 5 pin to 5 pin cable
- 235mm cable (~9 in)
- end_1 is 0.1" plug (connects to the USB-LCD)
- and_2 is 0.1" (connects to internet PC USB header) . Note: On the motherboard USB header only one row (1x5) will be used, the 2nd row is left open)

Price: $1.50
Quantity:
1 BUY

USB to 5 pin cable typeA

USB to 5 pin cable typeA

- 3ft cable
- end_1 is 0.1" plug (connects to the USB-LCD)
- end_2 is USB type a
- connects to any USB socket available on desktops or laptops

Price: $2.95

Quantity:

1 BUY