



Micro/sys Linux Packages

Micro/sys has integrated RedHat Linux onto a number of our Embedded PC products. With a 20+ year history of providing embedded computers, Micro/sys has approached Linux from the standpoint of the needs of *embedded* systems. You can configure and modify Linux on a Micro/sys computer to meet your specific requirements – headless, CRT monitor, serial consoles, large or small solid-state disks, etc.

Micro/sys supplies a graphical configuration utility that allows you to include only the packages (board features) that you need in your end product. Communicating through the Ethernet port on the target (Micro/sys) board, you will develop your software in your desktop environment. The target board's file system will appear as a subdirectory on your desktop machine, and you will manipulate the configuration of the target board by editing the files in the subdirectory. This means that you can develop your application and compile it on your desktop and when you are ready, just copy it to the subdirectory on your desktop.

Here are some of the Micro/sys Linux system features:

- Binary compatible with RedHat Linux, with RPM package support.
- VGA/keyboard, telnet, and serial console support.
- Full Linux networking capabilities, including Ethernet.
- DiskOnChip® flash disk available for your applications and files.
- Automated scripts available to copy your specially configured Linux file system onto the board easily and quickly.
- A Linux kernel and a loader are preinstalled in flash. The kernel boots upon power-up and mounts Network File System (NFS) from your development host.
- A CDROM is included that allows you to configure your Linux system, and create a customized subdirectory and file system to be loaded across the network into the DiskOnChip®. All build files and utilities are included.
- The GNU toolset is used for development, including the GDB debugger running across the network attached to a development host PC. This provides full C and C++ development, run-time libraries and remote debugging capabilities.

SBC0486 Linux Package:

Item	Part No.	Description	Price
1	SBC0486	486 Computer, VGA, KBD, COM1, COM2, LPT1, floppy, IDE, mouse, 82C55 DIO, 82C54 Timer	\$595
2	0486OPT2	32MB RAM upgrade	\$45
3	0486OPT20	10/100BASE-T, Ethernet adapter	\$60
4	0486OPT30-24	24MB flash disk	\$100
5	0486OPT50	Linux startup binaries installed	\$20
6	SDK-Linux	Linux CDROM and documentation	\$65
7	DK0486	Cables, sample software, user manuals	n/c
		TOTAL:	\$885

Notes:

- 1) This is the ideal system for VGA and AT Keyboard user console application TFT color flat panel displays are also supported.
- 2) Fast Ethernet (100MHz supported).
- 3) On-board 12-bit analog in and analog out options are available.
- 4) This is a 5" x 5" single board solution.
- 5) The first DK0486 is no charge. Additional DK0486 kits can be purchased.

SBC1490 Linux Package:

Item	Part No.	Description	Price
1	SBC1490	486 Computer, VGA, KBD, mouse, COM1, COM2	\$455
2	1490OPT1	32MB RAM upgrade	\$40
3	1490OPT20	10BASE-T Ethernet adapter	\$50
4	1490OPT30-24	24MB flash disk	\$100
5	1490OPT50	Linux startup binaries installed	\$20
6	SDK-Linux	Linux CDROM and documentation	\$65
7	DK1490	Cables, sample software, user manuals	n/c
		TOTAL:	\$730

Notes:

- 1) This is the ideal system for PC/104 format, headless or VGA systems.
- 2) 10BASE-T Ethernet support.
- 3) On-board Battery-backed SRAM option available, 512KB or 1MB.
- 4) This is a PC/104 single board solution.
- 5) The first DK1490 is no charge. Additional DK1490 kits can be purchased.

SBC2486DX Linux Package:

Item	Part No.	Description	Price
1	SBC2486DX	486 Computer, KBD, COM1, COM2, IDE, 82C55 DIO, 82C54 Timer	\$495
2	2486DXOPT3	32MB RAM upgrade	\$80
3	2486DXOPT20	10BASE-T Ethernet adapter	\$50
4	2486DXOPT30-24	24MB flash disk	\$100
5	2486DXOPT50	Linux startup binaries installed	\$20
6	SDK-Linux	Linux CDROM and Documentation	\$65
7	DK2486DX	Cables, sample software, user manuals	n/c
		TOTAL:	\$810

Notes:

- 1) This system does not support VGA user console applications as a single board. Add the MPC204 VGA card (\$190) and CA4030 cable to DB15 (\$35) for VGA.
- 2) On-board 12-bit analog in and analog out options are available.
- 3) 10BASE-T Ethernet support.
- 4) This is an 8.5" x 5" single board solution if MPC204 VGA is not needed.
- 5) The first DK2486DX is no charge. Additional DK2486DX kits can be purchased.

SBC2590 Linux Package:

Item	Part No.	Description	Price
1	SBC2590	Pentium computer, VGA, KBD, COM1-COM4, LPT1, floppy, IDE, 82C55 DIO, EBX format	\$945
2	2590OPT2	32MB RAM upgrade	\$40
3	2590OPT20	10/100BASE-T Ethernet adapter	\$60
4	2590OPT30-48	48MB flash disk	\$140
5	2590OPT50	Linux startup binaries installed	\$20
6	SDK-Linux	Linux CDROM and documentation	\$65
7	DK2590	Cables, sample software, user manuals	n/c
		TOTAL:	\$1,270

Notes:

- 1) This is the highest performance, most complete system. Price shown is for the 100MHz Pentium. Speeds to 266MHz are available.
- 2) On-board 12-bit analog in and analog out options re available.
- 3) Fast Ethernet supported, with auto speed detect.
- 4) This is an EBX standard (8" x 5.75") single board solution, with PC/104 (ISA) and PC/104-PLUS (PCI) expansion.
- 5) The first DK2590 is no charge. Additional DK2590 kits can be purchased.