



The LINX VII-5 is a versatile data collection and control terminal, offering unparalleled programmability packaged in the same rugged LINX case that has proven itself over decades of use in all types of environments.

What sets this terminal apart from the rest of the LINX terminal line is the integral web server and FTP server. This allows the terminal to serve web pages to a browser, or to transfer files to other devices using FTP. This standard TCP communication capability gives the terminal enhanced diagnostic and remote management capabilities.

The terminal can be configured with a static IP address or dynamically with DHCP, allowing it to be placed into networks of many different topologies.

Applications can be created in a wide range of different ways to suit any developer's skill level. Five different development tools can be used to develop any application:

The first application type requires only minimal programming skills. It uses scripting or canned application programs.

The second way of using the terminal is to set it up as a VT-100 terminal emulator.

The third way of using the terminal is to write an application that runs on the host computer, using HCL software that communicates with the LINX VII-5 and treats it as an I/O device.

The fourth type of application, and the most powerful one, is a C program.

And the fifth type is a complete end-to-end, turnkey system that uses a configurator tool to develop the terminal and the host communication and control application.

This flexibility in programming gives the LINX VII-5 unparalleled utility in the office, on the shop floor, in healthcare, and many other environments. Whatever the nature of your application, the rugged LINX VII-5 is the Intelligent Choice. Call LINX Data Terminals at (972) 964-7090 today for more information.

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DATA TERMINALS

## Hardware Specifications

Main Memory: 16MB SDRAM

Non-volatile Program Storage: 2MB Flash

Non-volatile Memory: 0.5MB battery-backed SRAM

Real-time clock to provide non-volatile time and date information

3 Opto-isolated digital input lines

1 Relay control line

3 TTL digital output lines

Mylar speaker for audio tones

2 "Full" RS232 serial ports

10/100 Mbit Ethernet interface

Optional integral mag stripe slot reader (Track 1 & 2)

Optional integral slot reader for standard linear bar codes: visible light or IR

Optional proximity reader

### Keypads

One-piece sealed polyester with tactile feedback

24 key numeric with 8 F-keys

63 key alphanumeric with 10 F-keys

### Display

Liquid crystal supertwist, 5x7 dot matrix, .165" & .155 char size

2x40 backlit

(Opt) extended temp range (-4F to 140F)



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## Software Specifications

### Type 1- Host computer driven apps

Host Control Mode (HCL): The controlling program runs on a host computer rather than on the terminal itself.

Automator Mode: A simpler to use version of HCL

### Type 2- Native terminal mode

Native Mode: Uses a "C" cross-compiler to develop programs that run directly under the terminal's OS.

### Type 3- Simplified Programming modes

Scripted Mode: LINXScript offers nearly complete control of the terminal but without the complexities of Native, HCL, or Automator modes. Requires only FTP client and text editor. Programming experience helpful.

SPI: The Simplified Programming Interface is usable by non-programmers while still offering a high degree of control. Simple set of rules that describes what the terminal should display and what input to accept from the user. Requires only FTP client and text editor.

ITAS: Integrated Time and Attendance is the most basic mode. Table-driven - no programming required. Includes a Windows program that can prepare ITAS config files.

### Type 4- Turnkey Software

Turnkey Software: A "wizard" development tool that generates a complete end-to-end solution using control files for the following programs:

1. Application program residing in the LINX VII-5
2. Communication and control program running on the Windows host. Only "PC literacy" and understanding of application are required. No programming.

### Type 5- Terminal Emulation

VT100 Telnet: This terminal emulation program is available to any host that has a Telnet server. In this mode the terminal acts and appears as a VT100 terminal.