

SuperPro 7500N

4 Gang Stand-Alone Universal IC Programmer



PROGRAMMER FEATURES

- Extensive Device Support: The SuperPro 7500N supports over 135K+ IC devices from 266 manufacturers, with continuous updates to accommodate new releases.
- Exceptional Speed: Offers 8-10 times faster programming speed for eMMC devices compared to the SuperPro 6100N.
- Simultaneous Programming: Capable of programming up to four chips simultaneously, depending on the device and package type.
- High Capacity: Supports eMMC and NAND devices up to 256 GB.
- Advanced Pin-Driver Technology: The improved universal 144 pin-driver technology delivers cleaner signals, a wider voltage range, and more accurate clock frequencies.
- Three Operating Modes:
 - 1) PC Mode: Via USB 2.0 port and PC communication.
 - 2) Stand-Alone Mode: Operates independently without a PC.
 - 3) LAN Mode: Allows for remote control over a network.
- Cluster Capability: Cluster 1-15 units for high-volume production.
- Voltage Support: Supports VCC from 1.2V to 5V.
- Reliability: Utilizes only IC manufacturer-approved programming algorithms for high reliability. VCC verification at (+5% to -5%) enhances programming reliability.
- Technical Support: Enjoy complimentary assistance and device requests.
- Warranty: Comes with a 2-year warranty.

Overview

The SuperPro 7500N sets a new benchmark in the universal programming industry with its ultra-powerful system engine. This versatile programmer can handle either single or up to 4 chips simultaneously with equal efficiency. By simply inserting a 4-socket adapter, you can convert the universal programmer into a 4-gang programmer, eliminating the need for an expensive gang programmer and saving you thousands. Ideal Applications and Target Customers: Programming Houses, Electronic Repair Shops, Car Repair Shops, Forensic and Data Recovery Companies, Medical Device Manufacturers and Any Requirement for Extensive Device Support Choose SuperPro 7500N for unparalleled flexibility, efficiency, and cost savings in your programming needs.

Advantages

- **Ultra-Fast Programming Speed** Our semiconductor manufacturer-approved algorithms, combined with precision and clean signals, ensure a high programming yield.
- **Customized 4 Gang Adapters** The SuperPro 7500N can program up to 4 chips simultaneously, maximizing efficiency and productivity.
- **Built-In 144 Pin Driver** Equipped with a universal 144-pin driver, the SuperPro 7500N accommodates large pin count devices with a single universal adapter for all package types.
- **Device Support:** The SuperPro 7500N supports over 137,000+ devices, with a continuously expanding device library as new chips are released in the market.
- **Stand-Alone Mode** Capable of operating in stand-alone mode, the SuperPro 7500N requires minimal training for inexperienced operators, making it user-friendly and versatile.
- **LAN Mode** Remote control is achievable via the LAN port, allowing programmers to be connected to a local network and managed from any computer on the network.
- **Tester for Logic Devices and SRAMS** SuperPro 7500N is also designed for IC testing of various devices such as TTL, CMOS Logic (74/4000 series), and SRAM memory devices.
- **Technical Support** Xeltek is proud to offer same day support for technical inquiries.

SuperPro 7500N comes with

- AC Adapter
- USB Cable
- SD Card

Specifications

Devices Supported	EPROM, Paged EPROM, Parallel and Serial EEPROM, FPGA Configuration PROM, FLASH memory (NOR), BPROM, NVRAM, SPLD, CPLD, EPLD, Firmware HUB, Microcontroller, MCU	
Package Types Supported	DIP, SDIP, PLCC, JLC, PGA, LGA, SOIC, SOJ, SOT, QFP, TQFP, PQFP, VQFP, MQFP, LQFP, TSOP, SOP, TSOPII, PSOP, SSOP, TSSOP, SON, EBGA, FBGA, FTBGA, VFBGA, μBGA, CSP, SCSP, QFN, HVQFN etc.	
PC Interface	USB 2.0, LAN	
PC Compatibility	11 (32/64 bit)	
Stand-alone Memory	SD Card	
Power Supply	AC Adapter: Input AC 100V- 240V; Output: 12V/1.5A	
Dimensions	Main unit: 184(L) x 160(W) x 78(H) mm	Package: 310(L) x 250(W) x 145(H) mm
Weight	Main unit: Weight 1.8 lbs (0.8 Kg)	Package: Weight 3.8 lbs (1.65Kg)



Advanced Software Features

SuperPro 7500N comes with a powerful and easy-to-use programming software. The biggest advantage is its simplicity so that any operator can operate the programmer with little or no training. SuperPro 7500N software is supported on Windows 11.



Project Files The project file stores preparations before programming. Users could also restore and save work environment. The project file includes device type, buffer data, operation option settings, configuration bit setting and batch commands. Project files may be password protected to increase security and reliability when operated by untrained operators.



Auto Function The Auto function organizes different functions into a sequential group (erase, blank check, program, verify and protect). Functions are executed in sequential order similar to a batch command.



Production Mode Once a chip is inserted correctly, the programmer automatically starts batch command of erase, blank check, program and verify. Auto chip detection saves time and increases efficiency.



Production Statistics A log file could be used to save operation information before exiting the program. Log files can also be used to facilitate quality tracking.



Auto Recognition of File Types We support almost all kinds of known file formats including file formats with automatic recognition function: Binary, Intel (linear & segmented) Hex, Motorola S, Tektronix (linear & segmented), JEDEC, POF, etc.



Factory Mode This mode is designed for factory volume production. To prevent operation errors from destroying the chips and wrong data written to the chip, SuperPro 7500N will operate in the Auto function mode. The administrator can set a password to prevent unauthorized access to the system.



Auto Increment of Serial Numbers Auto-generation of electronic serial numbers is available on SuperPro 7500N. This feature is implemented by setting [Auto Increment in Operation Option](#). Auto Increment allows users to add unique serial number into the device. After each successful programming, the software automatically changes the value by the specified increment mode.



Intellectual Property Protection Password settings available in both PC and stand-alone mode.