

## SUPERPRO 7500N

The SuperPro® 7500N sets a new benchmark in universal IC programming. Engineered for high reliability, speed, and flexibility, it is the preferred platform for data recovery labs, electronics repair centers, and high-mix production environments.

With advanced support for eMMC, NAND Flash, SPI Flash, and MCU devices, the SuperPro 7500N delivers the performance professionals depend on.



### Why Professionals Choose SuperPro 7500N

- Supports eMMC and NAND Flash devices up to 256GB
- Performs NAND hard copy duplication
- Programs up to 4 devices simultaneously
- Built-in 144 universal pin drivers
- Ultra fast high capacity device programming
- Stand-alone or PC-controlled operation
- Ideal for data recovery, repair, and production
- Over 145K+ Devices supported

### Optimized for Data Recovery & Digital Forensics

The SuperPro 7500N is widely used by data recovery labs and forensic professionals.

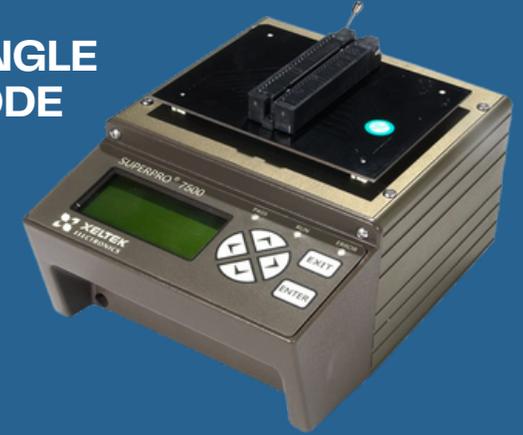
Typical applications:

- Hard drive firmware recovery
- eMMC data extraction
- NAND flash reading
- SPI BIOS recovery
- Memory duplication and cloning

Its powerful and continuously updated device library makes it especially effective when working with unknown, legacy, or difficult memory devices.

Trusted by data recovery labs worldwide for reliability and comprehensive device support.

### SINGLE MODE



The SuperPro 7500N functions as both a high-performance universal programmer and a cost-effective gang programming solution. With an optional 4 socket adapter, it can program up to four devices simultaneously, eliminating the need for a separate gang programmer and significantly reducing equipment costs.

### 4 GANG MODE



The SuperPro 7500N also serves as the powerful programmer inside our SuperBOT automated IC programming systems, ensuring consistent performance, full device support, and production level reliability across both manual and automated environments.

# Production Control & Security Suite

## Project File Management

Save and restore complete programming setups, including device type, buffer data, configuration bits, operation settings, and batch commands. Password protection ensures secure and consistent operation.

## Automated Production Sequencing

Automatically executes erase, blank check, program, verify, and protect in a seamless sequence — ensuring repeatable, error-free processing.

## Production Mode

Instant start upon device insertion with automatic chip detection and batch execution — maximizing throughput and efficiency

## Factory Mode

Designed for high-volume manufacturing. Enforces Auto operation with administrator password control to prevent errors and unauthorized changes.

## Traceability & Production Logging

Comprehensive log files support quality control, traceability, and process tracking.

## Automatic File Recognition

Supports and auto-detects major industry formats including Binary, Intel Hex (linear/segmented), Motorola S, Tektronix, JEDEC, POF, and more.

## Auto Serial Number Generation

Built-in auto-increment function programs unique electronic serial numbers for secure device identification.

## Intellectual Property Protection

Password security available in both PC and stand-alone modes to safeguard data and process integrity.

WHAT'S INCLUDED?	WARRANTY
<ul style="list-style-type: none"> <li>AC Adapter</li> <li>USB Cable</li> <li>SD Card</li> <li>Software *Digital Download</li> </ul>	Includes full hardware coverage, plus 2 years of free software updates and user-requested device support updates.

# FEATURES

## Ultra-Fast Programming Speed

Semiconductor manufacturer–approved algorithms combined with precision signal timing and clean pin drivers ensure maximum programming yield and reliability

## Built-In Universal 144-Pin Driver

Integrated 144-pin driver supports high pin-count devices without additional modules.

## Stand-Alone Operation

The SuperPro 7500N operates independently without a PC. In stand-alone mode, even entry-level operators can program devices with minimal training — ideal for production floors and secure environments.

## LAN Network Control

The built-in LAN port allows remote control and centralized management. Multiple programmers can be connected to a local network and controlled from any authorized computer, improving workflow efficiency and traceability.

## Logic & SRAM Device Testing

Integrated functional testing for TTL (74 series), CMOS (4000 series), and SRAM devices.

# 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, NAND Flash, eMMC	
Package Types Supported	DIP, SDIP, PLCC, JLCC, 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, WLCSP, etc	
PC Interface	USB 2.0, LAN	
PC Compatibility	Windows 8/10/11 (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)