SuperPro® 7500 Advanced Universal LAN Programmer

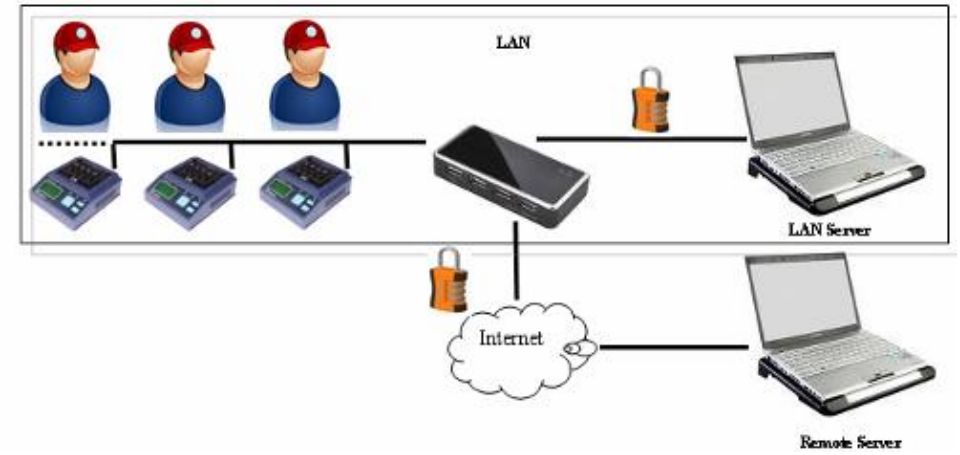
SuperPro 7500 is latest version of SuperPro 7000 for enhanced reliability.

Quick Features:

- Over 90,000 devices supported
- High programming speed for large eMMC devices
- Programs up to four chips simultaneously
- Higher reliability with a new generation of pin-driver technology
- USB 2.0 and LAN interface
- Three work modes: USB online / Offline / LAN.
- Programming capacity of a production programmer with the cost of an ordinary parallel model.

Revolutionary LAN mode completely changed current stand-alone work station operation:

- Project-setting, task-exchanging, and software-updating are done on one server
- Real-time quality-monitoring and statistics recording
- Records for human errors are available (i.e. empty burning)
- Ability to save burned files in local or remote server for data security



Functional Features

High-speed programmer for eMMC and NAND devices.

Manufacturers	Device	3968MB(P+V)	1984MB(P+V)
TOSHIBA	THGBM5G6A2JBAIR	315 Seconds	153 Seconds
SANDISK	SDIN7DU2-32G	314 Seconds	155 Seconds
SAMSUNG	KLMCG8GE4A	320 Seconds	158 Seconds
SAMSUNG	KLMAG4FEKA	318 Seconds	160 Seconds

- For standard NOR/NAND FLASH devices and serial EEPROM/FLASH
- Four chips can be programmed simultaneously (depends on device type and package).
- As of March 2015, over 90,000 devices are supported in the SuperPro 7500 library. Adapters do not need DIP lock sockets to transfer, resulting in more reliable connections.
- Powerful NAND FLASH platform library and exclusive solution for specific cases. Supports dozens of popular NAND FLASH platforms. Quick customization for specific requirements available.
- Built with 144 universal pin-driver**.** Universal adaptors are available for various packages.
- The ninth generation of pin-driver technology supplies cleaner signals, wider voltage range, more accurate and higher clock frequency, supports devices with Vcc from 1.2V to 5V.
- **Chip security mechanism** with built-in voltage self-correcting circuit to ensure the voltage is within a preset range.
- **Over-current and over-voltage protection** for chip and programmer hardware.
- **Three operating modes:**
  1. **PC mode** via USB2.0 port and PC communication.
  2. **Local Area Network (LAN)** mode for access to LAN for remote control.
     a) One or more units may be controlled by an operator for gang / cluster operation during production (optional).
     b) One unit may be shared by multiple users in a lab environment (optional).
     c) A unit on the factory floor may be controlled remotely.
  3. **Stand-alone mode** (no PC required) operates via a built-in keyboard. LCD display and removable memory (SD card). Flexible setup and simple to expand (1-15 units) for large volume production on the factory floor. Project files (up to SD card storage capacity) are created online and downloaded in to the SD card.
- Powerful, yet user-friendly software features streamline operations, improve efficiency, and reduce user mistakes during programming operations.
- Quick free technical and new device support
- Compatible with WINDOWS XP/Vista/Win7

How does SuperPro 7500 improve production capacity?

- Compared to previous programmer models, SuperPro 7500 is now designed for higher reading/writing speed for devices like eMMC NAND FLASH. Speed is up to ten times faster than previous models.

File Size	Other Brand (1024MB(P+V))	SP7500
1GB	60-75 Seconds	50-65 Seconds
2GB	284-330 Seconds	90-160 Seconds
4GB	600-700 Seconds	220-320 Seconds

- Normal devices such as NOR/NAND FLASH and serial EEPROM/FLASH can write up to four chips simultaneously, thus improving efficiency;
- Multiple expansion mechanism allows one technician to operate multiple machines as an offline machine group, USB HUB expansion group, or LAN group.

What benefits does SuperPro 7500 LAN interface have?

What makes SuperPro 7500 distinct from its predecessors is its LAN interface capability. Using LAN, one technician could replace multiple operators for carrying out programming functions such as choosing and loading project files, setting up machines, recording statistics and production capacity, and monitoring running status and quality alarm in real time. The operator only has to change and file chips properly, so the new procedures using LAN improves quality control and increase data security. LAN could also facilitate remote control for developers or service providers in offices at different locations.

What Copyright does SuperPro 7500 have?

- **SD card password**. Execute commands set by project files after the password has been verified.
- Password settings available for securing project file content.
- **Production capacity limit**. Limit programming cycles for controlling remote operations. Programming cycle quantity could be set during project creation and the file access is disabled after a preset cycle count is reached.

Hardware & Electrical Specifications

- PC communication interface: USB2.0(high speed)，LAN(100M)
- Memory storage: SD card
- Ground wire socket
- Keyboard & Display: 6-key membrane keyboard, 20x4 line LCD display
- Power supply: DC 12V / 1.5A.
- Programmer size: 184 x 160 x 78(mm); programmer weight: 0.8 kg
- Package size: 310 x 250 x 145 (mm); package weight: 1.65 kg
- Operating temperature range: 0-40° C
- Operating humidity range: 20%-80%