

SuperPro 5000 / 6000 / 7000 Comparison

Brands	Xeltek	Xeltek	Xeltek
Model	SuperPro5000	SuperPro6000	SuperPro7000
Number of Devices Supported (*1)	84,800+	84,700+	13,400+
Number of Manufacturers Supported	304	301	137
Number of Pins Available (*2)	144	144	144
Operational Mode (*3)	PC (USB2.0) Stand-Alone	PC (USB2.0) Stand-Alone	PC (USB2.0) Stand-Alone
			Local Area Network (LAN) Mode
Programming Speed (*4)	Programming Speed	30% faster programming speed than SuperPro5000.	10 times faster eMMC programming speed than SuperPro5000.
Support NAND Flash / eMMC	Up to 2 GB	Up to 256 GB	Up to 256 GB
Socket Adapter Family (*5)	CX Adapters	CX Adapters	EX Adapters
In-circuit Prog. Capability (*6)	Optional	Optional	Optional
Custom 4Gang Adapter (*7)	See SuperPro7000	See SuperPro7000	Optional
Built-in Processor (*8)	ARM7 RISC MCU	ARM9 32 Bit MCU + Linux for algorithm processing.	ARM11 RISC MCU
Windows Support	Win XP/Vista/7/8 (32/64 bit)	Win XP/Vista/7/8 (32/64 bit)	Win XP/Vista/7 (32/64 bit)
RoHS & CE Compliance	 RoHS Compliant	 RoHS Compliant	 RoHS Compliant
Warranty	2 Years	2 Years	2 Years
Product Link	https://www.xeltek.com/Universal-Programmers/SuperPro-5000/	https://www.xeltek.com/SuperPro-6000-Programmer	https://www.xeltek.com/Universal-Programmers/SuperPro-5000/
Cost	\$1,995	\$2,295	\$2,495
Image			

(*1) Device count as of **December 2012**. See Device List from the [Download Center](#) for the latest device supported.

New devices are continuously added to SuperPro7000 until the device library reaches over SuperPro6000 device count. Since the firmware is designed from scratch, new algorithms are developed to support devices from the current SuperPro5000/6000 device library. However, **any device a user wants programmed could be added quickly**.

(*2)

- Xeltek SuperPro universal programmers are equipped with 144-pin universal pin drivers to accommodate large pin count devices.
- One Xeltek universal adapter accommodates all devices with the same package type. Some manufactures still release programmers and adapters with old designs (requiring numerous adapter variations for the same chip package type) which are not practical.
- High quality materials used to improve production reliability.

(*3) **PC mode** via USB2.0 port and PC communication.

Local Area Network (LAN) mode for access to LAN local or remote control. LAN is a computer network that interconnects computers in close proximity to each other such as in an office building, a home or a school; LAN is extremely useful for sharing resources like files and applications. SuperPro7000 contains a user-friendly interface to control the programmer under LAN mode. Setting up for the LAN mode is similar to that of current USB mode - an Ethernet cable is connected between SuperPro7000 and the network hub. See user manual for detailed instructions and illustrations.

- a) One or more units may be controlled by an operator for gang / cluster operation for volume programming. (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.

Stand-Alone mode (no PC required). Operates via built-in keyboard, LCD display and removable memory (standard SD card). Setup is flexible and simple to expand (**1-15 units**) for large volume production on the factory floor. Projects files (limited only by SD card capacity limit) are created online and downloaded into the SD card. See [Stand-Alone Graphic Illustrations.pdf](#)

(*4) SuperPro6000 = 30% faster programming speed than SuperPro5000.

SuperPro7000 = 10% faster programming speed for eMMC devices than SuperPro5000.

(*5) SuperPro6000 shares the same **CX** socket adapter series with SuperPro5000. **EX** socket adapter series were developed specifically for SuperPro7000. EX socket adapters are flexible in transforming a single-socket Super7000 into a mini gang programmer.

(*6) In-system programming cable optional for serial programming. Also see [SuperProIS01](#) for serial programming applications.

(*7) Customized 4socket gang adapter + Programming algorithm. (Optional)

(*8) ARM9 cores contain an improved design architecture that significantly increase its potential processing speed. Another key improvement that ARM9 cores have over ARM7 cores is lower heat production which decreases overheating risk during device programming.