

LOGICAL DEVICES, INC.

Needhams Electronics

Tel : (303) 861 8200 Text (954)534 1449 Email: support@logicaldevices.com

LOGICAL DEVICES / NEEDHAMS ELECTRONICS



EMP21-u
Universal Programmer
64 bit Windows
32 bit Windows
7. USB Port

- High Speed based Universal Programmer
- The All-in-One Programming Station for your Device
- Program the 70's and recent!
- [Click Here for Latest Software](#)

Technical Features

Powerful Pin Drive
Chipmaster 6000X universal pin drive supply four different ground, it also can be configurable as TTL levels with pull-high, high-speed clock and impedance. This design lets you program a device of up to 48 pins, needing an adapter:

General Features

- Windows 7/8 64 bit Support, Vista, Windows XP, 98, 2000,

Logical Devices Device Programmers, Gang programmers, Chip Burners, UV Erasers

NT

- Supports Over 30,000 PLDs, PROMs, EPROMs, PALs, CPLDs, Flash Memory, MPUs, EEPROMs, and more
- 48 Pin drivers with adaptors expanding over to 500 pins
- High Speed USB port AND Parallel port included
- Read Existing Chips, Edit, Clone, Copy
- Read file in various hex or binary, and save to various file formats. Read from one format, copy to another format!
- Auto Devices
- Approved by Semiconductor Companies
- Ideal for Field, Production and Engineering
- Industrial grade, suitable for round the clock operation in abusive production environment
- Automatically detects bad chips, broken pins and insertion errors.
- Large selection of adaptors support surface mount technologies like PLCC, SOIC, TSOP, BGA, TQFP, QFN, and a host of other package types.
- Support 5V, 3.3, and 1.8V low voltage devices,
- Software Updates via Internet
- Over 10,000 sold in USA alone with less than 25 field hardware failures!
- Full Money Back Guarantee, 7 Day Free Trial.

Device insertion checks--No mistake

The Chipmaster 60 performs device in contact checks before each device. It can pin contact and de upside down or in position. This function your pocketbook by expensive chip damage operator error.

Serialization function

If your memory device individual serial number different increment initial value, the Chipmaster 6000XP has an Auto function. This simulates the serial numbers each time a new device inserted. This saves money.

Auto-sensing and programming

The Chipmaster 60 sensing feature ensures the device has been inserted correctly then automatically programs the device. Furthermore, the production mode timer keyboard is automatically disabled preventing from making any insertion mistakes.

Technical Specifications

Deluxe Package; Order Code: PROC6X-DX3 \$1795.00

- EMP-21u
- 3 Year Comprehensive Warranty
- Free Adaptor of choice for PLCC or SOIC
- 3 Year Software Update Maintenance
- Free loaner unit program
- Direct Telephone Access to Engineering
- Lifetime Email Support 24 Hours
- 10% discount on any adaptors for 3 yrs
- Free cross platform support for 3 years

Standard Package; Order Code: PROC6X-S01 \$1495.00

- EMP-21u
- 2 Year Comprehensive Warranty
- 2 Year Direct Access Phone Support
- Lifetime Email Support 24 Hours
- Free cross platform support for 2 years

Basic Package; Order Code: PROC6X-B01 \$1295.00

- Power: 100 watt switching
- Frequent random Power consumption
- Operating temperature: 45° (41 to 111°)
- CE & LVD certified
- Weight 1.8Kg
- Accepts JEDEC 48 pin
- 2500V/second rise
- File format correction
- JEDEC, POF, Intel EXT HEX
- 64000ABS, ST TEKTRONIC detection and correction

PC system requirements

- Operating system: Windows 95/98, Win 2000
- Windows NT 4.0

Logical Devices Device Programmers, Gang programmers, Chip Burners, UV Erasers

- EMP-21u
- 1 Year Warranty
- One Year Free Software Updates
- Support for Windows XP , Vista and 7 32 bit.
- 2-Year Support for Windows XP 64 bit Optional

Replaces the following programmers: Needham's EMP-30, Logical's Allpro-44, Allpro-LC, Allpro-88, Xeltek's Superpro 3000 , Superpro 280, Superpro 580. Logical's XPRO-3000, Chipmaster 6100, Chipmaster 7200, Chipmaster 7100, Chipmaster 5100, Chipmaster 5200,

- IN1, WINDOW
- Processor: 386
- 8 MB RAM recommended
- Hard disk with
- Parallel port w
- USB2.0
- CD ROM driv
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- [Dev](#)
- [Ad](#)
- [Use](#)
- PDI

Trade In Program:

You can trade any of the older Logical Programmers for a new Logical programming system. The trade value will depend on the product purchased and the product being traded.

You get the trade discount immediately. You will not need to send your older unit back in advance. You will have an opportunity to test driver your new programmer for 7 days free of charge before deciding to keep it or trade it.

Money Back Guarantee

All Logical Devices Products , carry a 7 day money back guarantee with no questions return policy for full cash refund

30 Day Exchange Policy

All Logical Devices product carry a 30 day exchange policy with any other Logical product , without any restocking or penalty.