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# 4MHZ, DOUBLE DENSITY, COLOR & B/W GRAPHICS . . THE LNW80 COMPUTER



When you've compared the features of an LNW80 Computer, you'll quickly understand why the LNW80 is the ultimate TRS80 software compatible system. LNW RESEARCH offers the most complete microcomputer system at an outstanding low price. We back up our product with an unconventional 6 month warranty and a 10 days full refund policy, less shipping charges.

LNW80 Computer . . . . . \$1,450.00  
 LNW80 Computer w/B&W Monitor & one 5" Drive . . . . . \$1,914.00  
 All orders must be prepaid, CA residents please include 6% sales tax.  
 Contact us for shipping charges

\* TRS80 Product of Tandy Corporation.  
 \*\* PMC Product of Personal Microcomputer, Inc.

COMPARE THE FEATURES AND PERFORMANCE

FEATURES	LNW80	PMC-80**	TRS-80* MODEL 111
PROCESSOR	4.0 MHZ	1.8 MHZ	2.0 MHZ
LEVEL II BASIC INTERP.	YES	YES	LEVEL III BASIC
TRS80 MODEL 1 LEVEL II COMPATIBLE	YES	YES	NO
48K BYTES RAM	YES	YES	YES
CASSETTE BAUD RATE	500/1000	500	500/1500
FLOPPY DISK CONTROLLER	SINGLE/DOUBLE	SINGLE	SINGLE/DOUBLE
SERIAL RS232 PORT	YES	YES	YES
PRINTER PORT	YES	YES	YES
REAL TIME CLOCK	YES	YES	YES
24 X 80 CHARACTERS	YES	NO	NO
VIDEO MONITOR	YES	YES	YES
UPPER AND LOWER CASE	YES	OPTIONAL	YES
REVERSE VIDEO	YES	NO	NO
KEYBOARD	63 KEY	53 KEY	53 KEY
NUMERIC KEY PAD	YES	NO	YES
B/W GRAPHICS, 128 X 48	YES	YES	YES
HI-RESOLUTION B/W GRAPHICS, 480 X 192	YES	NO	NO
HI-RESOLUTION COLOR GRAPHICS (NTSC), 128 X 192 IN 8 COLORS	YES	NO	NO
HI-RESOLUTION COLOR GRAPHICS (RGB), 384 X 192 IN 8 COLORS	OPTIONAL	NO	NO
WARRANTY	6 MONTHS	90 DAYS	90 DAYS
TOTAL SYSTEM PRICE	\$1,914.00	\$1,840.00	\$2,187.00
LESS MONITOR AND DISK DRIVE	\$1,450.00	\$1,375.00	---

## LNW80

- BARE PRINTED CIRCUIT BOARD & MANUAL . . . . . \$89.95

The LNW80 - A high-speed color computer totally compatible with the TRS-80\*. The LNW80 gives you the edge in satisfying your computation needs in business, scientific and personal computation. With performance of 4 Mhz, 280A CPU, you'll achieve performance of over twice the processing speed of a TRS-80\*. This means you'll get the performance that is comparable to the most expensive microcomputer with the compatibility to the world's most popular computer (TRS-80\*) resulting in the widest software base.

- FEATURES:
- TRS-80 Model 1 Level II Software Compatible
  - High Resolution Graphics
    - RGB Output - 384 x 192 in 8 Colors
    - NTSC Video or RF MOD - 128 x 192 in 8 Colors
    - Black and White - 480 x 192
  - 4 Mhz CPU
  - 500/1000 Baud Cassette
  - Upper and Lower Case
  - 16K Bytes RAM, 12K Bytes ROM
  - Solder Masked and Silkscreened

## LNW SYSTEM EXPANSION

- BARE PRINTED CIRCUIT BOARD AND MANUAL . . . . . \$69.95  
 WITH GOLD CONNECTORS . . . . . \$84.95

The System Expansion will allow you to expand your LNW80, TRS-80\*, or PMC-80\*\* to a complete computer system that is still totally software compatible with the TRS-80\* Model 1 Level II.

- FEATURES:
- 32K Bytes Memory
  - 5" Floppy Controller
  - Serial RS232 20ma I/O
  - Parallel Printer
  - Real Time Clock
  - Screen Printer Bus
  - On Board Power Supply
  - Solder Masked and Silkscreened

## LNDDoubler & DOS PLUS 3.3D

- Assembled and Tested W/DOS PLUS 3.3D . . . . . \$175.00

Double-density disk storage for the LNW Research's "System Expansion" or the Tandy's "Expansion Interface". The LNDDoubler™ is totally software compatible with any double density software generated for the Percom's Doubler\*\*\*. The LNDDoubler™ provides the following outstanding features.

- Store up to 350K bytes on a single 5" disk
- Single and double density data separation
- Precision write precompensation circuit
- Software switch between single and double density
- Easy plug in installation requiring no etch cuts, jumpers or soldering
- 35, 40, 77, 80 track 5" disk operation
- 120 day parts and labor Warranty

\*\*\* Doubler is a product of Percom Data Company, Inc.

## DOS PLUS 3.3D

Micro Systems software's double density disk operating system. This operating system contains all the outstanding features of a well developed DOS, with ease in useability.

## KEYBOARD

LNW80 KEYBOARD KIT . . . . . \$84.95

The Keyboard Kit contains a 63 key plus a 10 key, P.C. board, and remaining components.

## CASE

LNW80 CASE . . . . . \$84.95

The streamline design of this metal case will house the LNW80, LNW System Expansion, LNW80 Keyboard, power supply and fan, LNDDoubler™, or LNW Data Separator. This kit includes all the hardware to mount all of the above. Add \$12.00 for shipping

PARTS AVAILABLE FROM LNW RESEARCH

• 4116 - 200ns RAM	
• 6 chip set . . . . .	\$26.00
• 8 chip set . . . . .	\$33.50
• 16 chip set . . . . .	\$64.00
• 24 chip set . . . . .	\$94.00
• 32 chip set . . . . .	\$124.00
• LNW80 "Start up parts set" LNW80-1 . . . . .	\$82.00
• LNW80 "Video Parts set" LNW80-2 . . . . .	\$31.00
• LNW80 Transformer LNW80-3 . . . . .	\$18.00
• LNW80 Keyboard cable LNW80-4 . . . . .	\$16.00
• 40 Pin computer to expansion cable . . . . .	\$15.00
• System Expansion Transformer . . . . .	\$19.00
• Floppy Controller (FD1771) and UART (TR1602) . . . . .	\$30.00

**LNW RESEARCH**  
 CORPORATION  
 2620 WALNUT  
 TUSTIN CA. 92680

ORDERS & INFO. NO. 714-544-5744  
 SERVICE NO. 714-641-8850

VISA MASTER CHARGE UNLESS NOTED  
 ACCEPTED ADD \$3 FOR SHIPPING

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