

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

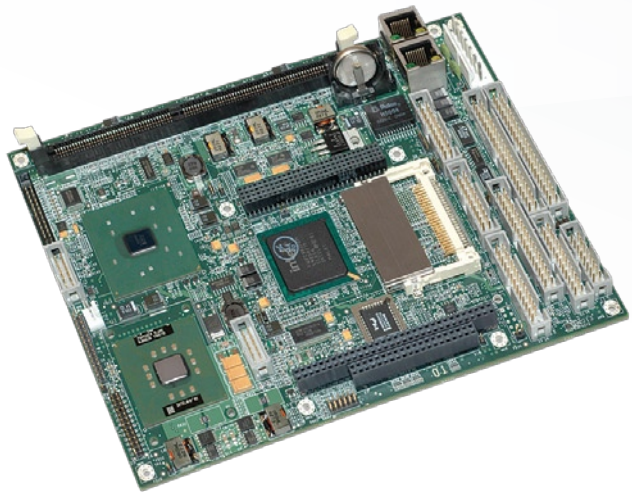
Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

LittleBoard™ 800

Pentium® M EBX Single Board Computer
High Performance



Features

- Intel® Extreme Graphics (CRT and LVDS flat panel)
- Dual Ethernet – Gigabit and 10/100BaseT
- 4 RS-232/422/485 Serial, 4 USB 2.0 ports
- PC/104-*Plus* expansion

EXTREME RUGGED

Choose the Ampro by ADLINK™ LittleBoard™ 800 for…

Compact, full featured, rugged embedded applications that need ultra-high performance, high speed I/O, and full PC/104-*Plus* expandability.

Description

The Ampro by ADLINK™ LittleBoard™ 800 EBX SBC offers you a choice of high performance, low voltage Centrino® processors, advanced networking, and high performance graphics.

Specifications

Core System

Choice of
–1.4GHz LV Pentium® M 738
–1.0GHz UL V Celeron® M 373
–800MHz ULV Celeron® M
Cache – 2MB, 512KB or 0KB Level 2
DRAM – Up to 1GB PC2700 DDR333 DIMM
Chipset – Intel® 855GME/ICH4M
FSB – 400MHz
System Controllers – PC-compatible DMA and interrupt controllers and timers
Real Time Clock – Battery-backed RTC/CMOS
Watchdog Timer
Powerfail Reset –Triggers when input voltage drops below predetermined threshold

Bus Interface

PC/104-*Plus* (PCI and ISA)

I/O

PATA – Two Ultra DMA 33/66/100 IDE interfaces,
supports up to two hard drives each (four total)
CompactFlash on Secondary IDE
Serial – 4 ports, RS-232/422/485
Parallel – EPP/ECP bidirectional port
Floppy – Supports 1 or 2 drives
USB – 4 USB 2.0 ports (four root hubs)
Keyboard/Mouse – PS/2 interface
Audio – AC97 High Definition Audio

Network Interface

Ethernet – Dual, Intel® 82541 (Gigabit) and Intel® 82551ER (10/100BaseT)

Video Interface

Controller – Integrated Intel® Extreme Graphics 2
– AGP 128-bit 3D engine
– Supports resolutions to 2048x1536
– Up to 64MB UMA Frame Buffer
– Dual channel LVDS
– Supports 3.3V and 5V flat panels

Software & Development Tools

OS Support – Ampro by ADLINK™ Embedded Linux®, VxWorks® v5.5.1, QNX® v6.3, Windows® CE 6.0, 5.0, XP, XPe
BIOS – AMI

Mechanical

Size – 203x146mm (8.0x5.75"); EBX form factor
Power Requirements (with 128MB RAM, 100% Loaded)
– 1.4GHz 3.4A @5V
– 1.0GHz 2.8A @5V
– 800MHz 3.0A @5V
Temperature (100 LFM system air flow)
- Standard: –20° to +70°C
- Extended: –40° to +85°C (F-21 model)
- Storage: –55° to +85°C

Board Thickness – .093" (2.36mm)

Ordering Information

Model Number	Description/Configuration
LB3-800-R-08	LittleBoard™ 800, 800MHz ULV Celeron® M CPU, PC/104-*Plus*, dual Ethernet, video, 4 COM
LB3-800-R-10	LittleBoard™ 800, 1.0GHz ULV Celeron® M CPU, PC/104-*Plus*, dual Ethernet, video, 4 COM
LB3-800-R-21	LittleBoard™ 800, 1.4GHz LV Pentium® M CPU, PC/104-*Plus*, dual Ethernet, video, 4 COM
LB3-800-F-21	LittleBoardT™ 800, 1.4GHz LV Pentium® M CPU, PC/104-*Plus*, dual Ethernet, video, 4 COM with fan for above +70°C
LB3-800-L-21	1.4GHz QuickStart Kit (R-21 SBC 512MB RAM, cable kit, software, documentation)
LB3-ALL-X-01	LittleBoard™ 800 cable kit

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP