Choose the Components You Want in a System!

Start
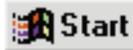
Basic PC System Includes These Items:

- · 1MB PCI Video Card
- · Keyboard, Mouse
- · Microsoft Windows 95™
- · 8MB RAM (2 x 1 x 32)
- · 3.5" Floppy
- · Monitor (14" .28dp NI)
- · 560MB Hard Disk
- · Mini Tower Case

Was $999, Now $_____

How Our Quoting System Works

Call us when you're ready to get a quote on a system and we'll give you the current prices. Write them down in the space provided. Then, add them together! Start with our Basic System and then choose a motherboard. Add on the options you need! Is it upgradeable? YES! Does it use the highest quality components? YES! We want to sell you a system!

Motherboard / CPU Options

486DX4-120	.Add $299.00	Now $_____
Pentium 75	.Add $449.00	Now $_____
Pentium 100	.Add $619.00	Now $_____
Pentium 120	.Add $689.00	Now $_____
Pentium 133	.Add $849.00	Now $_____
512K Cache RAM	.Add $65.00	Now $_____

All of our motherboards are upgradeable. 486 boards accepts 128MB RAM, Pentium boards accept up to 192MB. 256K Cache RAM is included. Triton Chip Set is standard. Zero-Insertion-Force (ZIF) CPU socket is included for easy upgradeability! Pipelined Burst Cache also available!
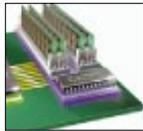
Memory Options

16MB (from 8)	.Add $229.00	Now $_____
32MB (from 8)	.Add $729.00	Now $_____
EDO RAM	.Add $10/MB	Now $_____

Hard Disk Options

1.2 Gigabyte	.Add $70.00	Now $_____
1.6 Gigabyte	.Add $140.00	Now $_____
Add'l 1.2 GB Drives	.Add $299.00	Now $_____

2-9GB SCSI Drives Available Upon Request. See page 39 for more details on SCSI host adapters.

Case Options

Mid-Tower	.Add $40.00	Now $_____
Full Tower	.Add $60.00	Now $_____

Mini-Tower (standard) has 2 internal drive bays, one 3.5" floppy bay, and 2 5.25" bays. Mid tower has 3 internal drive bays, 2 3.5" floppy bays, and 3 5.25" bays. Full tower has 5 5.25" bays and 5 3.5" internal bays.

CD-ROM & Sound Card Options

Impression 2X	.Add $199.00	Now $_____
Impression 4X	.Add $299.00	Now $_____
Impression 6X	.Add $359.00	Now $_____
Impression 8X	.Add $529.00	Now $_____
IDE 2X	.Add $89.00	Now $_____
IDE 4X	.Add $169.00	Now $_____
IDE 6X	.Add $229.00	Now $_____
IDE 8X	.Add $399.00	Now $_____
AWE-32 Sound Card	.Add $159.00	Now $_____
W/Impression Kit	.Add $99.00	Now $_____

Impression Kits Include with Microsoft Encarta, Microsoft Works, Microsoft Money, and Best of the Microsoft Entertainment Pack and 16-Bit Soundblaster compatible sound card. IDE drives do not include sound card.

Video Card Options

1MB Stealth SE DRAM	.Add $20.00	Now $_____
2MB Standard Card	.Add $70.00	Now $_____
2MB Stealth 64 VRAM	.Add $180.00	Now $_____
4MB Stealth 64 VRAM	.Add $320.00	Now $_____
MPEG Video Decoder	.Add $189.00	Now $_____

Our standard video card is a Trident 1MB PCI card. Diamond Stealth cards are available at great prices too! All include acceleration and work great with Windows 95!
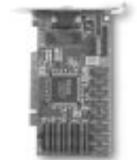
Monitor Options

15" upgrade	.Add $120.00	Now $_____
17" upgrade	.Add $399.00	Now $_____
20" upgrade	.Add $1099.00	Now $_____
21" upgrade	.Add $1499.00	Now $_____

All monitors are .28 dot pitch or better. Brands vary. If you would like a specific brand, please ask. 17" monitor is manufactured by MAG Innovision and 20-21" models are made by ViewSonic. See next page for details!

Modem Options (Internal)

Supra 144 PNP	.Add $99.00	Now $_____
Supra 288 PNP	.Add $199.00	Now $_____
Rockwell 144	.Add $69.00	Now $_____
Rockwell 288	.Add $149.00	Now $_____
Sportster 288 Voice	.Add $209.00	Now $_____
BitSurfr ISDN	.Add $399.00	Now $_____

See page 25 for external modem options, too!

Miscellaneous Options

Gemulator/ TOS 2.06	.Add $215.00	Now $_____
800MB Tape Backup	.Add $179.00	Now $_____
MS Natural Keyboard	.Add $95.00	Now $_____
Microsoft Mouse	.Add $20.00	Now $_____
PCI Ethernet	.Add $59.00	Now $_____

Want something that's not listed? Give us a call! We have a "can get" attitude – whether it's hardware or software, we can find you the products you need at very competitive prices!

Floppy Drive Options

Add'l 3.5" Floppy	.Add $40.00	Now $_____
Add'l 5.25" Floppy	.Add $40.00	Now $_____

We stand behind the products we sell. Toad Chameleon systems include a 1-year blanket warranty. Add $149 for a 3-year warranty! Call 544-6943 or send e-mail to info@toad.net if you have questions!

Questions? Want Current Prices? Call Us! We Want to Help YOU!

VGA Monitors for PC & Atari!

The Atari TT and Falcon computers both can use standard VGA monitors. Choose from this selection of 14", 15", 17", 20" and 21" VGA monitors for your TT, Falcon, or PC!

14" and 15" VGA Monitors

Unless you have a specific need for a larger monitor, a 14" monitor (pictured) is your best bet. Small and compact, our 14" monitors work great on a TT, Falcon, or PC and support resolutions through 1024 x 768 non-interlaced. The dot pitch on our 14" monitors is 0.28mm. Like all VGA monitors, it supports 24 bit color! If you would like a slightly larger monitor but don't want to go all the way to a 17" monitor, consider a 15" monitor. 1024 x 768 is not really usable on a 14" monitor, but on a 15" monitor it looks just fine. Our 15" monitors also go to 1280 x 1024, but for that you really want a 17", 20", or 21" monitor. Dot pitch is 0.28mm.

14" VGA 0.28mm Dot Pitch **$289.00**
15" VGA 0.28mm Dot Pitch **$389.00**

What is DOT PITCH?

Dot pitch is the diagonal distance between the pixels on the screen. The smaller the dot pitch, the denser and richer the image will appear!

17" Monitors

If you plan to do desktop publishing, professional graphics, or just operate in a resolution higher than 800 x 600, we strongly recommend getting a 17" monitor. It is also a great choice for musicians who need to see more of their music at once. Our **Impression** 17 monitor (pictured) has a 0.28mm dot pitch and is manufactured by Mag Innovisions. A 17" monitor is perfect for running at 1024 x 768, for the Falcon, or for graphics cards on the TT030. Our MAG 0.26 dot pitch monitor is also a hit! Its incredibly clear display is a joy to use!

Impression 17" VGA 0.28mm Dot Pitch **$649.00**
MAG 17" VGA 0.26mm Dot Pitch **$749.00**

20"–21" Monitors

For desktop publishing, nothing beats a big monitor. TT030 users know this from experience with the TTM195 mono 19" monitor (page 1), and in full 24-bit color it's even better! We recommend a 20" or 21" monitor if you plan to use resolutions of 1280 x 1024 or higher, but really it's great for 1024 x 768, too. Most of this catalog was created using the 20" monitor to the left at 1024 x 768 in true color.

Anyway, whatever your use, these high-quality monitors are a great buy!

Toad 20" VGA 0.28mm Dot Pitch **$1299.00**
ViewSonic 20" 20G VGA 0.28mm Dot Pitch **$1399.00**
ViewSonic 21" 21PS VGA 0.26mm Dot Pitch **$1799.00**

Atari *Portfolio*

- **128K continuously powered internal RAM, externally expandable**
- **System commands are MS-DOS 2.11 compatible**
- **Includes 5 applications: spreadsheet (Lotus 1-2-3 file compatible), word processing (ASCII file compatible), telephone address book with autodialer, appointment diary with multiple alarms, and a calculator.**
- **Familiar QWERTY keyboard, software compatible with IBM PC**
- **63 positive action keys with audible click feedback**
- **Speaker for telephone dialing and melody**
- **Runs on 3 AA Batteries for 6-8 weeks**
- **60-pin expansion bus**
- **Measures 7.8"x4.1"x1.2". Weighs 15.87 oz., about the size of a video tape**
- **80C88 static CMOS processor runs at 4.9152 MHz**
- **Built in 32-pin connector for RAM/ROM Memory Cards (replace floppy disks for storing data and programs)**
- **40x8 text mode (with a movable window on virtual 80x25 display)**
- **256x64 pixel graphic mode**
- **Super-twist LCD adjustable angle screen**
- **Standard IBM extended ASCII character set**

Cheaper and Smaller Than A Notebook Computer

A portable computer can be a walking liability. Spend $2,000 on a notebook computer and take it on the road. If you drop it, lose it, or it gets stolen, you're out 2K and all your data! With the Atari Portfolio, it's so small you'll never have to worry about losing it. And if you do, buy another for just $199!

Interfaces with Your ST, PC or Mac!

The Atari Portfolio is the world's first handheld portable and affordable IBM compatible computer. It can interface to your desktop computer, whether it is an ST, a PC, or a Macintosh! Transfer files back and forth. Work on spreadsheets on the road. The Portfolio is also great for data collection and custom programs. It can run any DOS program you write on a desktop PC. The Portfolio is a complete solution!

About the size of a VHS Videocassette. Weighs less than one pound!

Atari Portfolio . . . . . .Just $199!

Memory Card:
4MB Flash RAM Card	Call
1MB Flash RAM Card	$179.00
128K Memory Card	$149
64K Memory Card	$79

These cards are used for file storage and do not expand system RAM.

Interfaces
Atari Smart Parallel Interface	$49
Parallel Printer Cable	$9
Parallel Transfer Cable	$12
Atari Serial Interface	$79
Atari ST Transfer Cable	$9
PC Card Drive Kit	$79

Miscellaneous
AC Adapter	$10
Portfolio Book	$17
Simulated Leather Case	$24

Software Cards
Terminal+	$49
Checkwriter	$29
Timekeeper	$29

Call for others!

Magazines

ST Informer

St Informer is a good resource for current Atari news, in depth product reviews and previews, and show coverage. It has been published monthly since 1987 and has a loyal bunch of writers. Fairly large circulation. Color cover with newsprint inside. Now in "magazine" format, rather than a tabloid format.

ST Informer . . . .$3.50 Each Issue

ST Format + Coverdisk

ST Format is Britain's leading Atari magazine. Focus on home productivity, games, video, graphics, music, and more. Includes one, sometimes two, cover disks full of great files and programs for you to use. Reviews of games and other software make up the bulk of editorial content. Does a good job at keeping you apprised of developments in the ST world. Printed on glossy paper in full color!

ST Format . . . .$9.95 Each Issue

PC Format + CD

Get a CD each month – filled with great new software! Demos, shareware, Internet finds, even full commercial programs all appear on this CD! (Don't worry – it's legal!) PC Format approaches the PC world with the British spunkiness and humor you've grown to love in ST Format and other British magazines. Great in-depth articles and reviews of current and up coming software and technologies. Don't miss an issue! Printed on glossy paper in full color.

PC Format . . . .$9.95 Each Issue

Future Music w/CD

Future Music is a glossy, full color British magazine from Future Publishing. Follows new developments in MIDI, sampling, recording, and music technology. Contains in depth reviews and previews of new products and techniques. Comes with a CD full of audio and data each and every month – much of which can be used on your Atari and in your own musical projects. Future Music CD is an invaluable resource for anyone interested in the digital music industry!

Future Music . . . .$9.95 Each Issue

Atari World

The essential guide for all Atari computer users! Read riveting in depth reviews of the newest and hottest Atari products to help you decide which is right for you. Printed on glossy paper in full color. A must have for every Atari user!

Atari World . . .$8.95 Each Issue

SUBSCRIPTIONS

Magazine	1 Year	6 Month
ST FORMAT	$129	. . . . $69
PC FORMAT CD	$149	. . . . $79
FUTURE MUSIC	$129	. . . . $69
ATARI WORLD	$119	. . . . $59

Prices include Postage & Handling to Your Door!

THREE NEW ATARI MAGAZINES:

Current Notes (new editor) $4.95
Jaguar's Edge . . . . .Call
Extreme (Jaguar Coverage) . . . . . .Call

Toad T-Shirts!

Front:
*"My Other Computer
Is an ATARI!"*

Back:
*Original Toad Artwork
In Full Color!*

*My Other
Computer
is an ATARI!*

ATARI
Toad Computers
America's Atari Source

$9.00
S,M, and XL

$12.00
2XL and 3XL

100% cotton "Fruit of the Loom" white T-Shirt silkscreened in blue on front and in full color on the back! Quanitites are limited! Order your collector's item shirt TOADAY and tell the world you're proud to own an ATARI computer!

Books

Learn More About
Your Atari Computer!
The Atari Compendium CD

The Atari Compendium, the most complete programming reference ever assembled for Atari computers is now on CD-ROM in HTML format! Have access to all aspects of the operating system – as well as solid hardware information just a mouse click or keystroke away! But it's not just for programmers! There's lots of information every Atarian can use, including character maps, hardware specifications and much more! The perfect companion product for every Atari computer. Order yours *toaday!*

Atari Compendium CD . .Just $29.95!
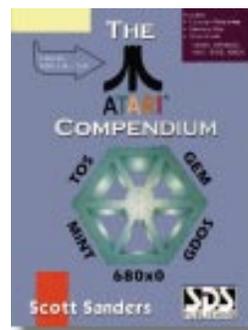
Beginners
Atari ST Topics $15

Programming
Atari Compendium CD $45
AES Quick Reference $15
VDI Quick Reference $19

Abacus Books
ST Disk Drives $7
68000 Assembly. Lang. $7
ST Tricks & Tips $7
3D Graphics $7
Basic to C $7
ST for Beginners $10

Portfolio
Portfolio Book $17
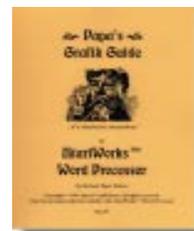
Atari Works
Papa's Grafik Guide $17

Programming Languages

M.A.G.E. Majic Arcade Graphics Engine
Now You're Programming With Power

M.A.G.E. is an incredibly powerful developer's toolkit. Creating high quality commercial software has never been easier. What used to take months now takes just a few days! "Frogger", "Ms. Munchie", "Invaders ST", "Kid Kong" and "Megapedes" are just a few of the titles that have been created with M.A.G.E. It comes complete with everything you need to start programming your own commercial-quality games. The package includes the latest version of GFA Basic Interpreter, Compiler and Assembler on disk! The manual has over 175 pages of comprehensive step-by-step instructions on how to create games quickly. There is a Character Editor, a map editor, a Sprites editor and animator and an inline maker. The M.A.G.E. loads directly into GFA Basic 3.5 or higher and allows you to effortlessly compile stand alone, ultra high speed compact programs. To make your programming even easier, M.A.G.E. includes over 1,000 professionally drawn sprites and hundreds of pre-drawn game screens. With the editor, you can modify these sprites and screens to make thousands of variations. This gives you unlimited control over your creativity! Also included are two complete never- before-published arcade games for you to modify and enhance and then compile and play!!

Buttonz Basic
Now included with M.A.G.E. is Buttonz Basic, the ultimate graphical user interface for GFA Basic. It is a utility in which all of the chores of programming – editing, compiling, moving files, setting compiler options, disk formatting – are completed by pushing a 3D button, hence the name "Buttonz Basic"! It replaces the MENU program supplied by GFA Basic and is a fully functional work area, which speeds your productivity in developing software!

M.A.G.E. with Buttonz Basic **$59.00**

Buttonz Basic **$19.95**

Programming Guides
Atari Compendium CD

The most complete programming reference ever assembled for Atari Computers is now on CD-ROM in HTML format. That's right, now you can have all of the information just a mouse click or keystroke away. No more fumbling around looking for and through the book that always seems to disappear! Covers all aspects of the operating system, as well as solid hardware information.

Atari Compendium CD **$29.95**

Atari ST Tricks & Tips

ST Tricks & Tips is packed with dozens of hints and applications for all ST owners. The software described here is worth many times the price of this book. A few of the topics covered in Atari ST Tricks & Tips include using GEM from BASIC, combining BASIC and machine language, using Machine Language and C, the GEM programming environment, super fast RAM disk, automatically starting TOS applications, and much more.

**Atari ST Tricks & Tips** **$9.95**

Lattice C 5.60

This is a MAJOR upgrade to the premier professional C Language development system for the Atari. The upgrades add complete Falcon, Mint, MultiTOS, and SpeedoGDOS documentation and library support for all of the new operating systems calls in TOS 4.0x. Lattice C 5.60 includes completely rewritten documentation consolidating the previous 5 manuals into 3 magnificent volumes of the best documentation available for programming your Atari computer (Five full pounds of documentation!) Falcon enhanced versions of the compiler and debugger, source level debugging, and a code profiler (so you can optimize performance) are featured. Lattice C upgrade also includes Modern Atari System Software book with info on MultiTOS, SPeedoGDOS, TOS 4.

Lattice C 5.6 . . . .**$189**

HiSoft Basic 2
The Professional Basic

HiSoft Basic has become the standard language for many Atari ST owners over the past few years. With its combination of advanced, structured language concepts and a flexible, interactive user interface, HiSoft Basic 2 has proven to be an invaluable tool for all Atari ST users, from the novice to the expert programmer. Includes 800 pages of documentation in two volumes with extensive tutorials and clear, concise reference sections, supplied in professional wire manuals. The HiSoft Basic 2 system works on all Atari ST/STE/TT computers with 512Kb memory if you intend to work on larger programs or with the HiSoft GEM toolbox.

HiSoft Basic 2 . . . .**$59**

Devpac Version 3
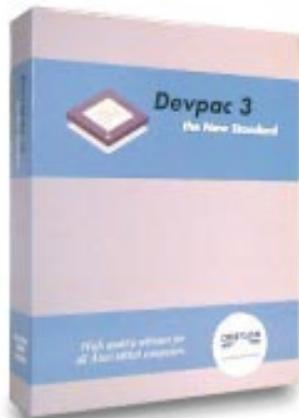
Devpac 3 is the ultimate assembly language development system for your Atari ST/TT/Falcon.

Devpac 3 includes a new multi-window editor which has been designed to be easy to use, using sub menus and pop up menus for swift selection. It offers a powerful editing environment with bookmarks for remembering key positions, mouseblock marking, complete window flexibility, extensive user configuration and full integration with the other Devpac programs.

The heart of Devpac Atari 3 is the fast and powerful 6800-68040 assembler. Maths coprocessors and MMU are supported. There is a wide range of switchable options allowing full control over the assembly process, including complete listing flexibility. Many optimizations are available, either automatically or selectively. In addition to other standard features such as conditional assembly, repeat loops, text include and macros, and more, Devpac 3 comes with a powerful debugger/disassembler equipped with all the standard features for bug hunting and ease of learning.

A comprehensive 350 page manual is included covering specific information on the latest versions of TOS.

Devpac 3 . . . .**$99**

Repairs

If your Atari is Sick or Blue, We Can Make it Well Again!

Common Repairs and Their Prices

The ST Computers are pretty reliable in general. Most machines go for years at a time with no problems. But if your machine has a problem, you're not the first to have had it; there are certain common themes. I've compiled a list of the most common ST problems and given hints as to what might cause them.

Replacement Internal Power Supply

If your machine's power light doesn't come on, or if there seems to be noise (or anything else) coming out of the machine near the power switch, you probably need a new power supply. These are relatively cheap and you can probably install it yourself. However, if you feel uncomfortable with it, we can do the installation it for you. *Replacement Power Supply: $69.00*

Replacement Sound Chip

If you're having trouble printing, trouble with your disk drives, or you don't have any sound on your machine, you most likely need a new Yahama sound chip. It is integral to many aspects of the machine and thus has many chances to break. *Replacement Sound Chip: $25.00, $39 for Installation*

Your 520 Won't Read Disks or Do Anything

Some of the early 520ST machines used a particular type of socket for some of its chips that only had a metal contact on one side of the chip. Sometimes, due to repeated heating and cooling, chips can become loose in these sockets, causing unreliable operation. Pick up the machine on the left side, about 6 inches, and drop it. If this fixes the problem (but only temporarily), then you should send your machine for a complete cleaning and re-seating. *ST Cleaning and Chip Reseating: $49.00 Including Shipping*

Your Monitor Has Lost Its Will to Live

Some ST monitors are 10 years old now. That's longer than some folks keep their TV sets. It stands to reason that at some point they would die, or need help. If your monitor's gone loopy, let us know. We can repair it or offer a reasonable replacement.

Ray Mitchell, our Atari repair guru, hard at work on a Falcon030. Ray's seen just about everything when it comes to broken Atari's. Ray fixes everything from 8-bits to ST's! He can help you fix your Atari! Give a call or send e-mail to info@toad.net!

CHECKLIST FOR SENDING IN REPAIRS AND UPGRADES

1. Try to make your problem occur consistently. It is very hard for us (or for you) to diagnose an intermittent problem. Taking a few steps to make your problem happen regularly will help us to determine its cause.

2. Call us at (410) 544-6943 to discuss your problem. Sadly, technical staff are not available on our 800 number, but that's OK.

3. After we have confirmed with you that we can help with your problem, please package up your equipment and mail it to us (via any carrier you like). We recommend insuring your shipment for replacement value.

FOR LASER PRINTERS: Clearly mark up and down on outside of package to avoid spilling of remaining toner.

FOR MONITORS: Be sure to use adequate padding. Jolts in shipping can be problematic for poorly padded monitors.

Always include a note that tells us what you need done, where we should send it when we are done, and how you want to pay for the repair. Checks are fine in most situations. Be sure to include return shipping (about $10).

4. Turnaround time for most repairs is 7-10 days, depending on your job. You will be given an estimate of the repair time when you call. If you want to call to check on a job, please have your customer number ready (if possible).

THANKS! We're sure it'll be OK!

Atari ST, STE, and TT Parts

Keyboards

520ST $49.00
1040ST/STE/Falcon . . .$79.00
Mega ST $129.00
Mega STE $129.00
TT030 . . . .$129.00

Floppy Drives

STE Drive (DSDD) $59.00
STE High Density $79.00
Standard DSHD $59.00
SF354/314 Parts . . . . . . .Call

Power Supplies

520 ST External $69.00
1040/520 . . . .$69.00
Falcon030 . . . .$69.00
Mega STE $79.00
Sf354/314 . . . .$29.00

Motherboards

Mega STE $299.00
1040 STE $199.00
1040/Mega ST . . . . .Call
TT030 . . . . .Call
C-Lab Falcon030 . . . .$599.00

MMU

Glue

Video Shifter

Atari ST Chips

There are several ST parts which are always in high demand (many of which have been mentioned above), so we're listing them here. As always, you can order the spare parts and install them yourself or have us do it! Some parts are expensive and sensitive to static and other forces (like stepping on them). Be sure to handle them with care!

MMU . . . . .C025912 . . . .$39.00
Glue . . . . .C025915 . . . .$39.00
Video Shifter . .C025914 . . . .$39.00
DMA . . . . .C025913 . . . .$39.00
Disk Controller .WD1772 . . . .$5.00
Blitter . . . . . . .C016143 . . . .$25.00
ST MFP Chip . .MC68901 . . . .$19.00
Falcon FPU . . .MC68882 . . . .$59.00
MSTE FPU . . . .2 Chips $79.00
TOS Chips . . . . .See p. 37

Standard Atari Mouse

This is the standard Atari mouse that has shipped with every ST computer ever made. There's no doubt it's a classic. We recently acquired a large supply of these mice – brand new. We have used ones too.
NEW Atari Mouse $41.00
Used Atari Mouse $25.00

Accelerators

Make Your ST, STe, TT, or Falcon FLY With these HOT Hardware Accelerators!
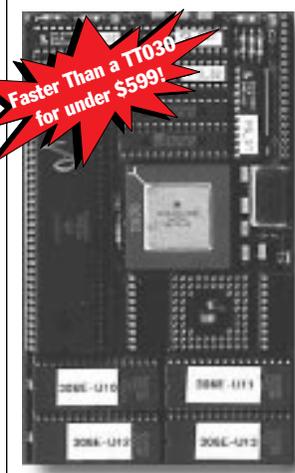
Faster Than a TT030 for under $599!

PAK68/3 68030 Accelerator Board

The PAK processor replacement card turns your Mega ST, Mega STe, STfm, or STe computer into a 32-bit system using the 68030 processor like the TT030 or Falcon030. Unlike these machines, however, the PAK uses a 32KB level 2 cache. This means that a machine with a PAK running at 32MHz runs 21% faster than a stock TT030! This is incredible speed!

Compatibility is excellent. As a guide, all programs running on the TT or Falcon will probably also run on the PAK. If you need 68000 compatibility, we can install a switch to let you switch back and forth between the 68000 and 68030. A TT or Falcon can't do this!

How fast can the PAK go? It runs best at 32MHz, but can go up to 40 or 50MHz if you install the optional $79 buffer board. Let us know if this is something you need! A FastRAM board is also in development!

PAK 68030 Board w/68030 and TOS 2.06	.$399.00
PAK 68030 Board w/68030 and PAK TOS 3.06 (faster)	.$499.00
68882 FPU Chip (Optional)	.$59.00
STE PLCC Adapter Board (for Square 68000)	.$69.00
50MHz Buffer Board	.$79.00
Complete Installation	.$79.00

AdSpeed ST

The AdSpeed ST will take any 520ST, 1040ST, or Mega ST to 16MHz. That doesn't sound fast when compared to a 200MHz Pentium, but the 68000 is a more efficient processor. A 16MHz 68000 is very fast! This requires desoldering of the CPU. If you don't want to do this, we can do it for you. This upgrade works very well and comes with control software. Can be made to work on STacy portables. Call!

ICD AdSpeed . . . .$179!
ICD AdSpeed STE . . .$199!

PowerUp 2: 32MHz Falcon!

This Falcon accelerator that takes your Falcon030 to 32MHZ by pumping a 32MHz clock into the CPU. Provides a 120-150% speed increase. Fairly easy to install, but does involve soldering. We can install it for you for $49.00! Compatible with Cubase Audio, Apex Media, and all major Falcon software packages! *Why not take advantage of the extra speed with PowerUp 2?*

PowerUp2 32MHz Falcon Accelerator $99.00

CaTTamaran: 48MHz TT!

Take your TT030 into turbodrive with the Cattamaran 48MHz CPU accelerator from CyRel. Installation requires soldering and good technical skills but is not difficult. Also, the CaTTamaran is easiest to install in a Revision G or later TT motherboard. We can install it for you for $49.00 as well! A great way to get more speed!

CyRel CaTTamaran $99.00

BlowUp Falcon F/X Board: New Features!

This is a new accelerator from Europe that accelerates and improves your Falcon in several exciting ways. **FASTRAM:** add up to 32MHz of fast 68030 burst mode RAM. **CPU Speeder:** Run your Falcon's system bus at 40MHz and the CPU at 20MHz. **DSP Speeder:** Take your DSP chip to 50MHz for superfast MPEG decoding! **Blowup Screen Expander:** Takes your screen to 800 x 608 at 84Hz and 1024 x 768 at 104Hz. Plugs into the PDS Slot. Installation requires soldering. *This board is the hottest new accelerator for the Falcon! Call for details and prices!*

BlowUp Falcon F/X Board . . . . .Call
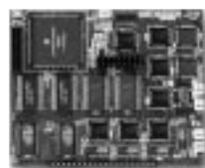
ST's at 28 or 36MHz!!

The T28 and T36 accelerators take your ST/STE to 28 or 36MHz. Yes!! 36MHz! Improve performance by up to 400% without any of the incompatibilities that come along with 68030 boards. Includes a 64KB cache for optimum performance! Installation requires desoldering the CPU, and we can do this for you if you like. *Add $40 for 1040STE version.*

T28/T36 . . . .$239.95/$319.95

Alternate Cases

Give your Atari New Life in a Brand-New Expandable Case!

DeskTopper & Freekeys!

Take your ST or Falcon and place it into a new desktop style case. Rather than actually recasing your entire machine, the Desktopper uses the bottom half of your existing ST or Falcon case with a new top. *Freekeys* lets you detach your standard Atari keyboard and use it externally. Also includes two 5.25" disk drive bays for internal mounting of hard disks, floppy drives, and more! Great for accelerators!

Desktopper & Freekeys $199

THE FALCON RACK

Wizztronics' Falcon Rack case is a natural for musicians who want to take the Falcon on the road. Mount it in sturdy extruded aluminum! Includes everything you need to mount the machine!

Falcon Rack Case	. . . . . .$499
Falcon Rack SCSI Kit	. . . . .$59
Installation	. . . .$59

Call for more information on new Wizztronics products like the Barracuda '040 Accelerator!

New Tower Cases

Mount your TT, Mega STE, STE, or Falcon in a tower-style case. Take advantage of the extra drive bays in a tower case to give your machine new life.

Toad Tower Case $199
Installation $59

Falcon Rack

Coming soon! A new rackmount case for the Falcon that includes an imbedded 9" monochrome screen for use by musicians on the road! From what we've already seen of this case, this could become the standard for Atari musicians.

Falcon Rack with Embedded Display . . . . . .Call

Falcon Screen Enhancers!

The VIDEL graphics chip in the Falcon 030 is capable of many different screen resolutions, but to maintain compatibility, Atari limited the user selectable resolutions to a maximum of 640x480. Expand your resolutions up to over 1100x1000 depending on your monitor.

Screenblaster $99
BlowUp '030 . . . .$95
BlowUp Software Only . .$39

PROTECT YOUR KEYBOARD FROM SPILLS AND WHAT WE CALL "PET HAZARDS!" COVER IT FOR $21.00!

RAM Upgrades

Make Your ST, STe, TT, or Falcon FLY With these HOT Hardware Accelerators!

XTRA-RAM DELUXE RAM UPGRADE

Need More RAM?

Many ST owners are finding out that they need ore RAM to run today's complex applications – whether it's AtariWorks, PageStream, or Calamus. One way to get more RAM is to buy a new machine – either an STE, Falcon, or TT030 with 4MB or more of memory. But if that's not something you're able to do, you should consider a RAM upgrade board.

We Got It

We've been installing RAM upgrade boards for years. Some cause problems, some don't. Some work, some don't. We have settled upon what we believe to be the ultimate ST RAM upgrade board: the XTRA RAM Deluxe board. It uses standard 1MB SIMM modules to take your ST to 2, 2.5, and 4MB – usually without incident.

Installation

The XTRA RAM board is completely solderless and is user installable. If you feel at all uneasy about it the installation, we can do it for you for $39.
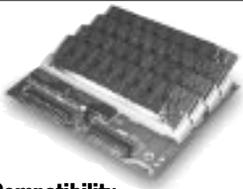
Compatibility

XTRA-RAM is compatible with all ST software and can be installed in all ST computers, including 520, 1040, and Megas.

XTRA-RAM+8

If you want to get up to 12MB of RAM on a Mega ST, try the XTRA-RAM+8. It takes 8 1MB SIMMS to give your machine up to 12MB of system RAM!

XTRA RAM Board	. . . .$79
1MB SIMMs (ea)	. . . . .$39
2MB Package	. . . . . .$149
4MB Package	. . . . . .$219
XTRA RAM 8MB	. . . .$129

RAM Pricing subject to change. Call for latest!

ATARI TT030 RAM UPGRADES

ST or TT RAM?

The Atari TT030 computer uses two types of RAM to achieve maximum performance. ST RAM, which is used to maintain compatibility with standard ST programs (as well as for video and DMA), can be configured at 2MB (standard), 4MB, and 10MB.

TT RAM is faster RAM and uses nibble mode memory to achieve burst mode performance on the 68030. This drives the 68030 at its fastest. Thus, TT RAM is ideal for making programs run faster, and for adding large amounts of fast memory to RAM intensive applications (such as graphics retouching packages, desktop publishing, etc.)

Easy to Install

Both ST RAM and TT RAM can be installed without soldering. All you need is two screwdrivers (flat blade and phillips head) and you're ready to go! The ST RAM is on the right side of the machine, the TT RAM is on the left side!

Compatibility

ST RAM is completely compatible with all existing ST programs. TT RAM works with most programs but may require you to use PRGFLAGS to inform them of its presence. TT RAM provides speed increases of up to 300% depending on your application. ST RAM is used for DMA and video.

2MB ST RAM	. . . . . .$199
8MB ST RAM	. . . . . .$649
4MB TT RAM	. . . . . .$299
16MB TT RAM	. . . . .$899
Installation	. . . .$39

RAM Pricing subject to change. Call for latest!

FALCON030 RAM UPGRADES

Falcon030: 4 or 14?

If you have a Falcon030 and can still upgrade it, you have either a 1 or 4MB machine. Then that you can upgrade this machine to 4 or 14MB respectively. We've got boards for both.

Wizztronics SIMM Board	. .$99
14MB Board	. . . .$599
4MB Board	. . . .$209
4MB SIMM Board	. . . . . .$259

Ram pricing subject to change

Cartridge Clock: $29.00!

520 and 1040 computers do not have an internal clock, so you probably find yourself constantly updating your computer's clock. Get a cartridge clock and stop wasting time! Make your life easier!

NEW! High Density Floppy Drive Kits!

For an ST to read high density disks, the drive controller needs to be switched between 8 and 16MHz. When it's at 8MHz, it works with 720K disks. When it's at 16MHz, it works with 1.44MB disks. These kits do it for you! ST Kit requires some soldering. Call if you have questions!

High Density Drive & Kit for ST/STE $99.95
High Density Kit for TT030 or Mega STE $149.95

Keyboard Upgrades

If you use a 104ST, STE, or Falcon030, you may want to consider using a detached keyboard. DEKA lets you hook up a standard PC keyboard, while the MegaMater lets you hook up a Mega ST, Mega STE, or TT030 keyboard. Works great!

DEKA PC Interface	. . . .$89.95
PC Keyboard	. . . .$29.95
MegaMater	. . . .$19.95
Mega STE Keyboard	. .$129.00
KeySkins	. . . .$21.00
Mega ST Cables	. . . .$14.00
TT Touch Cups	. . . . . .$29.00

HIGH SPEED SERIAL PORT MODIFICATION KIT FOR ST – INCLUDES DETAILED INSTRUCTIONS! UP TO 57,600 BAUD! JUST $59.00 or $99.00 INSTALLED!

TOAD STEALTH

See Next Page for Systems Using our TOAD STEALTH Hard Drive Enclosure!
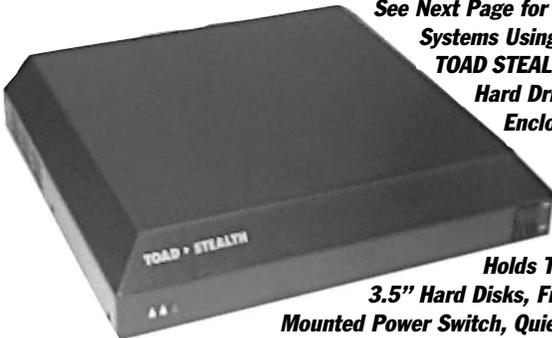
Holds Two 3.5" Hard Disks, Front Mounted Power Switch, Quiet Fan!

TOS Chips: 1.04 or 2.06!

If you have a 520, 1040, or Mega ST with TOS 1.0 or 1.02 (check for copyright date earlier than 1989), you should upgrade to TOS 1.04 or TOS 2.06. Speeds hard disk performance. STE machines can be upgraded to TOS 2.06 without the compatibility plus card. A great way to add new features!

TOS 1.04 . . . .$59
2 or 6 Chip Set

TOS 2.06 . . . .$59
for STE Only

Also for Gemulator & Compatibility Plus.

Compatibility Plus

Add TOS 2.06 to any 520, 1040, or Mega ST. TOS 2.06 gives you an enhanced desktop (keyboard equivalents, file icons on desktop, file search and mask capability and more). Also solves bugs in 1.0. Call for installation information. ROMS are $59.

Just $89!

LOOKING FOR A GRAPHICS CARD FOR YOUR ATARI? GIVE US A CALL! FROM NOVA TO CRAZY DOTS, WE CAN TELL YOU WHAT'S AVAILABLE!

Hard Disks & More!

**Hook Your Atari
Up to Whatever You Like**

The ICD Link II: Perfectly Compatible

Back in the old days, if you wanted to hook up a hard drive to an Atari, you needed to get a drive, a power supply, and a case that was big enough to hold a "host adapter" board inside. This led to larger cases and it limited the choice of drives available.

In 1992, ICD introduced its Link Host Adapter. But look at it – it doesn't look like a standard host adapter. It just acts like one!

It simply converts from the 19-pin Atari ACSI interface into the standard 50-pin SCSI interface. It operates off of "termination power," which most drives provide on pin 26 of the SCSI connector. But again, you don't need to know that. All you need to do is plug it in and turn on the drive. It works.

The new Link II host adapter adds compatibility with parity (which some drives force on) and adds an LED to tell you it's getting power. This makes the Link easier to use than ever!

Hook it up to any SCSI device from hard drives to CD ROMs, SyQuest drives, flopticals, and tape-backups. The Link includes ICD's award winning hard disk driver software!

Includes DMA cable and everything you need to get started with a SCSI hard disk on your Atari ST!

The ICD Link II: "Invisible" Host Adapter . . . .**$99.00!**
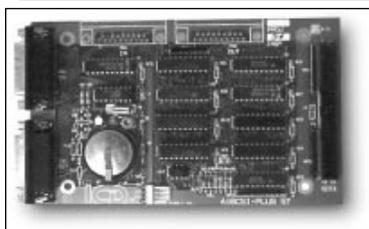
The ICD AdSCSI+ Standard Host Adapter

This is the host adapter that has connected more Atari computers to hard disks than any other. It was designed to fit inside of our ToadPlus hard drive, but also fits inside many others (including our Toad shoebox cases).

While the Link will be the more useful of these two for future drives, the ADSCSI+ is great if you are replacing an existing, standard host adapter. It includes a time clock and comes with a power-tap cable (to steal +5 volts from

your power supply) and is easy to install. AdSCSI plus even includes the same award winning software that comes with the Link II. An award winning classic in the ST world!

ICD AdSCSI+: Host Adapter with Clock . . . .**$99.00!**

CONNECTING A HARD DISK: WHAT DO YOU NEED?	
520 / 1040ST(e) **Mega ST(e)** **TT030** **STacy**	ICD Link ($90) AdSCSI+ ($99), or equivalent Host Adapter
TT030 **Macintosh** **PC (with Host Adapter)**	25 pin to 50 pin SCSI cable ($19)
Falcon030 **PC SCSI II Host Adapter**	50 pin Mini Centronics to 50 pin Standard Centronics SCSI II Cable ($29)

ICD Pro Utilities: For All Ataris!

For years, ICD has had the most powerful hard disk driver available. It has been continually updated and as a result is very compatible and very fast.

However, to encourage sales of their host adapters, ICD only sold their driver software with their host adapter products.

But now, with many Ataris having their own internal hard disks (Falcon, STacy, Mega STE, TT030), it hasn't always been necessary to have a host adapter on the system at all.

So ICD has solved the problem. Now, their software is available in a special version that will run on any

hard disk on any Atari including the Falcon030. It even now includes Cleanup – a powerful disk diagnostic and repair tool! Backup boot sectors, check directory structure, map out bad sectors and more!

ICD Pro Utilities . . . .**$47.00!**

Hard Disk Drives for Your Atari, Mac, and PC!

Toad Shoebox

Toadstor Series

STANDARD CASES!

**Pocket
Size**

**Toad
4-Bay**

Toad Stealth

**DELUXE CASES:
ADD $40!**

Just Do It! *Toad Hard Drives have a great reputation and are trusted by thousands of Atari users all over the world. Everyone from Art Neville of the Neville Brothers to Dave Small to General Dynamics use Toad drives! Don't forget – our custom Stealth drive has room for two mechs!*

Extend the life of your computer! Buy a hard drive! With a hard disk drive, you can do more than ever before. A hard disk is the single best way you can upgrade your ST!

HARD DRIVES

Size	Speed	Type	Brand	Bare	In Case
40MB	*15ms*	*Autopark*	*Quantum*	*$139*	*$209*
170MB	*12ms*	*Autopark*	*Quantum*	*$199*	*$269*
540MB	*12ms*	*Autopark*	*Quantum*	*$229*	*$299*
730MB	*9.5ms*	*Autopark*	*Quantum*	*$249*	*$319*
1GB	*9.5ms*	*Autopark*	*Conner*	*$399*	*$469*
2GB	*9.5ms*	*Autopark*	*Conner*	*$779*	*$849*
88/44	*20ms*	*Removable*	*SyQuest*	*$359*	*$429*
EZ 135	*13.5ms*	*Removable*	*SyQuest*	*N/A*	*$233*
270MB	*13.5ms*	*Removable*	*SyQuest*	*$449*	*$499**
200MB	*15ms*	*Removable*	*SyQuest*	*$449*	*$499**

**SyQuest Drives
Above Include
One Cartridge**

*Comes in compact, portable case (as pictured to the left).
All Quantum Drives have 2 Year Warranty. All Conner Drives Have 2 Year Warranty.
All SyQuest Drives Have 2 Year Warranty. 700MB+ Drives Have 5 Year Warranty.