All new iMac recipe.

How do you make the world's most lovable computer even better?

We're streets ahead

With the Year 2000 just around the corner, it's heartening to look both backwards and forwards at Apple's achievements. Over the past 12 months, the Apple community has not only benefited from a smooth and inexpensive transition into the new millennium, we've also seen some major technology advances that have put us into a leading position to take advantage of new business and creative opportunities.

AirPort wireless networking is just one such innovation with so many practical applications for our homes, businesses and schools. It ushers in a whole new era of mobile computing that gives us more freedom at work and at play than ever before. Our feature article on page 10 looks at how simple AirPort makes it to share Internet access and network.

And that's the way Apple development will continue as we head into the new millennium. We are committed to developing faster, more powerful (even super) computers to provide you with the most innovative solutions on the planet. The new G4 is so fast and so reliable, it took the computing world by surprise. With chip speeds of up to 450Mhz far outperforming Intel using their own tests*, it is precisely what the publishing, video and emerging e-commerce and web industries need. And then there's the ultimate monitor to go with it. Finally, you get more room to be creative as well as more room on your desktop with the stunning, slimline Apple Cinema Display. Read all about it on page 4.

It's hard to believe that the iMac has already past its first birthday. And what a celebration it deserves! We've sold more than 2 million iMacs in that time and 90% of the owners are 'on the net'. It worked! We created the most simple, powerful Internet solution for the people. And they said 'yes please!'. And we aren't done yet. We have plenty more pleasant surprises in store for you in the Year 2000. Stay tuned (to your QuickTime TV, of course!) and check out our website for all the news as it breaks.
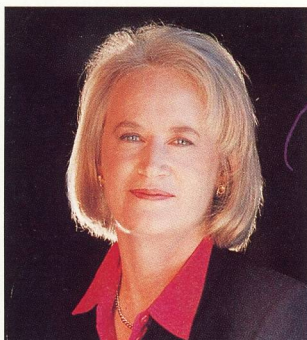
Di Ryall
Managing Director

* Based on industry standard ByteMark processor test.

F.Y. Info.

eLab – an Australian first

GM Laboratories, a Sydney company that provides environmental and chemical testing for a wide range of customers has just launched a new interactive website for its customers. Built and hosted on Macs, the site enables them to review the results of testing as they happen. The data is dynamic because all results are entered into a network of Macs using a 4th dimension database that uplifts data automatically to the website. Customers simply call up the site, enter a password and instantly review the progress of tests. Visit http://www.gmlabs.com.au/ to see Macintosh technology at work in the scientific community.

Apple University Development Fund (AUDF)

Academics and post-graduate students interested in developing software for the Mac can apply for support from the Apple University Development Fund (AUDF). Funding is available to staff and students at the twenty-five Australian AUC member universities. There are seeding grants, pilot grants and major grants which are awarded depending on the level of research and development you are undertaking. For more information, visit your campus computer shop or http://auc.uow.edu.au/

Twelve new AppleCentres!

We're proud to announce the opening of 12 new AppleCentres in Australia. Over the past six months, the growth of the Apple market in Australia has been dramatic – at 40% – double the most optimistic industry forecasts! The new AppleCentres are located in:
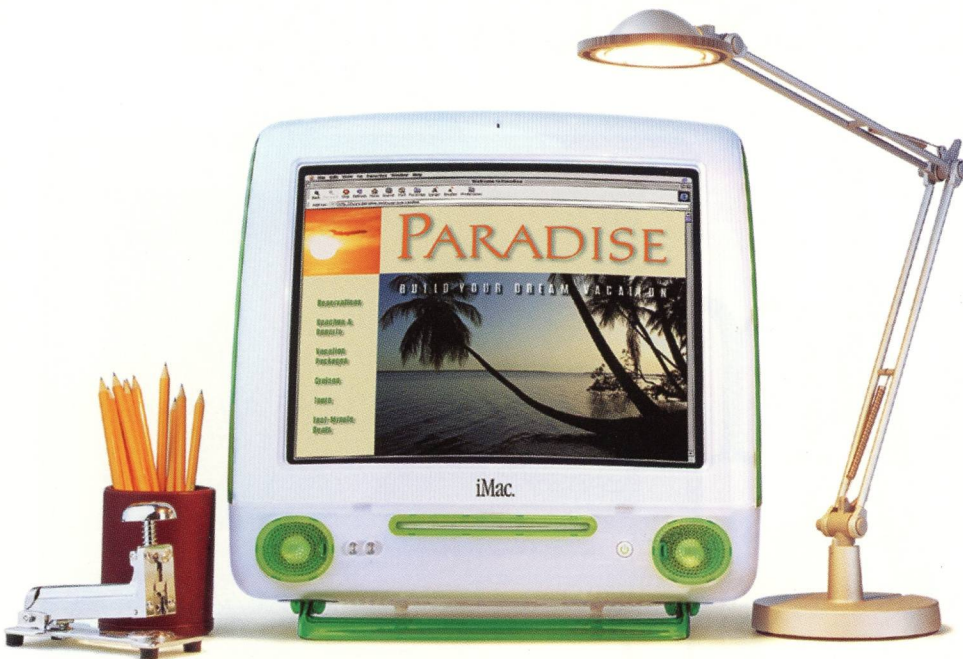- **Sydney** – Neutral Bay, Dee Why, Capitol Square, Taylor Square, Pymble;
- **Melbourne** – Surrey Hills, Box Hill;
- **Perth** – Cannington;
- **Sunshine Coast** – Maroochydore;
- **Brisbane** – Fortitude Valley;
- **NSW** – Shoalhaven;
- **Canberra** – Woden Plaza.

New Desktop CD writer

Need to duplicate batches of CDs? Cedar Technologies has just released a superb Mac solution – a desktop CDR publisher coupled with MacControl software that will load and print batches of up to 110 CDs and even print the labels automatically. For details visit http://www.austor.com.au/

 AppleNews

Everything you love about iMac is even better: sleeker, smaller, friendlier and faster. And it's available in three brand new models including two that feature Apple's groundbreaking digital video technology

Clear Winner

Welcome to the completely new iMac, the huggable, translucent, incredibly easy-to-use computer with digital video capabilities (on DV models) and optional wireless networking.

Renowned for its simplicity, iMac sets a new standard as the world's best computer for the Internet. With a built-in 56K modem and Ethernet port, iMac lets you surf the web using a telephone line, cable modem, or DSL modem. And the new Setup Assistant can get you on the Internet in less than 10 minutes. Apple's new AirPort† technology makes home networking simple. You can share an Internet connection with other AirPort-enabled computers and surf the Internet without wires from almost anywhere in your home, school, or office. Just add the optional AirPort Card to your iMac, connect an AirPort Base Station to your phone line, cable modem, or DSL modem, and you're free to work and play up to 50 metres from your wired Internet connection.

Want to play movies – or even make some of your own? An iMac DV model is your personal theatre for viewing DVD movies. Connect your favourite DV camcorder to the FireWire port and use Apple's groundbreaking iMovie software to create your own digital

movies – with professional-looking titles, transitions, and special effects.

To make your movies sound as great as they look, iMac comes with an impressive new audio system based on Odyssey technology from Harman Kardon. And that beautiful stereo sound is all you'll hear, because iMac has been ingeniously engineered not to need a fan, making it the quietest desktop computer in the world.

iMac is ready for whatever you want to do – today or tomorrow. Connect your favourite USB peripherals for new capabilities (DV models also support FireWire peripherals), or add an AirPort wireless networking card. The easy-access door lets you install the card or additional RAM in seconds.

The iMac DV Special Edition comes in a unique Graphite colour and features everything you'll find in iMac DV models, plus twice the standard RAM and a larger hard drive.

iMac DV models include built-in video mirroring – very convenient for making presentations. And when iMacs are networked with Apple's Macintosh Server G4 with Mac OS X Server, you can save money on administration and upgrades, because it's as easy to manage hundreds of iMacs as a single one.

Affordable high performance
- 350- or 400-MHz PowerPC G3 processor
- ATI RAGE 128 VR 2D/3D accelerated graphics
- 64MB or 128MB of SDRAM; supports up to 512MB
- 6GB, 10GB, or 13GB hard disk drive
- Slot-loading CD-ROM or DVD-ROM drive

Fast, easy Internet access
- Setup Assistant to get you up and running
- Preinstalled Internet software for browsing the web, sending and receiving e-mail, and creating your own web sites
- Support for AirPort 11-Mbps wireless networking (antenna built in)
- High-speed 56K V.90 modem*
- Built-in 10/100BASE-T Ethernet, ready to connect to a cable or DSL modem

Plug-and-play digital video (DV models only)
- Slot-loading DVD-ROM drive plays DVD-Video movies
- Two FireWire ports let you connect DV camcorders, hard disks, and other high-speed peripherals
- Preinstalled iMovie software makes it easy for anyone to create high-quality DV movies in minutes

*Actual modem speeds lower; speed depends on connection rate and other factors.
† Approval for this device from the appropriate regulatory authorities is pending.

 AppleNews

Bright ideas deserve a bigger workspace

With a 22-inch (diagonal) screen and stunning optics, the Apple Cinema Display lets you see more of your layouts, more of your images, more of your palettes and on-screen tools, and more of something you probably haven't been seeing much of lately – your desk. It's the perfect companion to the Power Mac G4, and quite simply the largest Apple LCD monitor ever!

Perfect for digital video, its viewable area is as big as a 24" flat display, but it's twice as bright and sharp with triple the contrast ratio and zero flicker. What's more, its millions of colours remain true from almost any viewing angle.
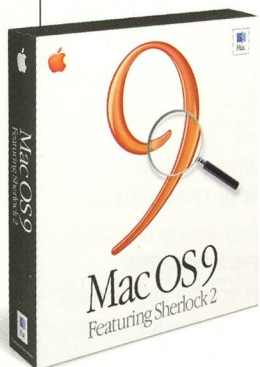
Mac OS 9

Available now. Upgrade $149.
System requirements: Mac OS-based Apple computer with a Power PC processor; 32MB of physical RAM, with virtual memory set to at least 40MB

More Internet-friendly than ever before. Designed to be your co-pilot on the Internet, Mac OS 9 is packed with over 50 new features.
Here are just nine of the new power tools you won't be able to do without.
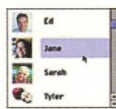
1. Sherlock 2
Your personal shopper on the Internet, Sherlock 2 not only finds the products you're looking for, it's also the easiest way to find people, news, and just about everything else on the Internet.
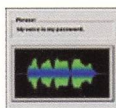
2. Multiple Users
Now you can share your Mac without hassle or worry. This feature securely stores each user's preferences and files for privacy and convenience.

3. Voiceprint Password
Your voice is your password. Mac OS 9 analyses your voice and stores your voiceprint. Your Mac lets you – and you alone – log on and access your files.

4. Keychain
Forget keeping track of those dozens of Internet passwords. The personal keychain in Mac OS 9 securely stores all of your user IDs and passwords. Your voice – or one typed password – unlocks them all.

5. Auto Updating
Keep your Mac up-to-date, automatically. Always have the latest software. Mac OS 9 can automatically download software updates over the Internet, and can even install them for you.

6. Encryption
Send files across the Internet securely. Mac OS 9 helps you keep your private information private with industrial-strength encryption for complete peace of mind.

7. File Sharing over the Internet
Apple's easy-to-use File Sharing now works the same way over the Internet. So you can share files, folders and data with anyone.

8. AppleScript over TCP/IP
AppleScript over TCP/IP lets you remote-control your Mac (or a whole battery of Macs) from wherever you happen to be.

9. Network Browser
The Network Browser in Mac OS 9 lets you find Internet file servers, FTP servers and web servers anywhere in the world about as easily as you find printers on your network.

Smokin'!

The power of a supercomputer delivered to your desktop. It's the revolutionary new Power Mac G4.

John Warnock, CEO of Adobe, took one look at the new Power Mac G4 running Photoshop and summed it up: "…faster than any platform we've seen…" he said and then pronounced it, "the professional publisher's dream system".

Fact is, it's not a dream, it's a reality and if you're in publishing, hold on tight. Because the G4 is simply the fastest machine ever designed to run graphics applications like Adobe Photoshop, InDesign and QuarkXpress.

We're not talking about an ordinary 'speed bump' in the order of, say 35% faster, here. The G4 makes a staggering leap forward. It runs at up to 200% faster than the fastest Pentium III – based PCs in CPU and Photoshop tests! And, just in time, too. Because your high resolution image files, special lighting effects, 3D rendering, digital video and advanced speech recognition all have one thing in common: they make insatiable demands on your computer's processor.

Where there's smoke, there's fire

Underneath that cool smoky graphite exterior, you'll find the firepower that makes the G4 the fastest personal computer in history. It's a brand new brain, a PowerPC G4 processor which redefines high performance for the entire industry.

It's also the first super computer on a chip. It's worth drawing breath for a little definition here. In computing terms, what makes a supercomputer

'super' is its ability to execute at least one billion floating-point operations per second. It's a staggering measure of speed known as a 'gigaflop'. Up until now supercomputers have been used to achieve breakthroughs in science. With the arrival of the Power Mac G4 they're going to help creative people all over the world achieve everyday tasks that choke traditional processors.

Room to grow

The Power Mac G4 is the most massively expandable Macintosh in history. Factor in support for more than 100 gigabytes of internal hard disk storage. Two 400-megabit-per-second FireWire ports for connecting up to 63 digital video cameras, hard disk drives and high-speed multimedia peripherals (three FireWire ports on some model configurations), plus two USB ports for connecting up to 127 peripherals per channel. And with an optional AirPort Card and AirPort Base Station† for wireless networking, the Power Mac G4 is ready when you are, with an antenna already built into its translucent top handle.

Ready for action

For Mac gamers, the Power Mac G4 and OpenGL combination changes the rules of the game. OpenGL lets developers harness the power of the PowerPC G4 hardware acceleration to create Mac games with professional-quality rendering, texture-mapping and 3D graphics.

The result? Special effects that will leave even hardcore gamers stunned.

† Approval for this device from the appropriate regulatory authorities is pending.

There are people who can't afford to wait for their computers to catch up. From creative professionals and scientists to educators and 3D gamers. And to all of you who want to spend less time waiting and more time doing, we dedicate the new Power Mac G4.

Hot chip!

The new PowerPC G4 architecture by Apple, Motorola and IBM, is the first microprocessor that can deliver a sustained performance over one gigaflop. In fact, it has a theoretical peak performance of four gigaflops.

The secret of the G4's revolutionary performance is its aptly named Velocity Engine. It's the heart of a supercomputer miniaturised onto a sliver of silicon. The Velocity Engine can process data in 128-bit chunks instead of the smaller 32-bit or 64-bit chunks used in traditional processors (it's the 128-bit vector processing technology used in scientific super computers – except that we've added 162 new instructions to speed up computations). In addition, it can perform four (in some cases eight) 32-bit floating-point calculations in a single cycle – two to four times faster than traditional processors!

You're the next Spielbe

Ever noticed how holidays, weddings, parties and birthdays are over before you have time to record them. Now that's all set to change. With a video camera and a Mac, you can capture the highlights of your life, edit them and then bore your relatives silly by playing them or e-mailing QuickTime movies.

1 Shoot the video footage

There are two different ways of shooting and importing video into your Mac. The new model iMac DV, G3 or G4 Macs support FireWire which means you can import digital footage from a MiniDV (Digital Video) camera straight into your Mac via the FireWire Port. Once captured, it's ready for editing.

The second way is to record and digitise analog footage shot using a standard video recorder (see 'the non-DV iMac Solution', below). This is ideal for iMacs without DV or FireWire. Analog footage has to be digitised prior to editing, and this can be done using a USB device such as MyCapture.

If you want to capture digital video on your older PowerPC Mac, just add a HotLink FireWire PCI card from Conexus (http://www.conexus. com.au) and plug in your DV camera.

There are plenty of MiniDV cameras to choose from. Sony has the Digital 8 TRV110 (RRP $2,249) which is perfect for home users. It stores footage digitally on Hi 8 tapes. Sony also has more superb cameras with increasingly professional features. http://www.sony.com.au

From Panasonic, the entry level NV-DA1ENA (RRP $2,549) comes with a clever LCD colour display to view as you film or playback plus digital still picture capture. There are more great cameras to choose from with price tag to suit the number of bells and whistles you think you'll need. More info at http://www.panasonic.com.au/ plete solution

2 Edit your footage on the Mac

Once your footage is on your Mac you're ready to edit your masterpiece. Owners of the new iMac DV can get straight into editing with the superb iMovie software included on the hard drive. iMovie features a complete set of easy-to-use tools for editing your video, creating titles and transitions, and adding musical scores. Your finished movies can be viewed in iMovie, published on the web, sent to a friend via e-mail or saved back to your camcorder.

If you're looking for something more sophisticated, Apple has the answer in Final Cut Pro (available in Australia before the end of the year). It's a complete editing suite in one easy-to-use program. It comes with professional editing tools including: layer movements, drop shadow, wipes, transitions and dissolves. You can also choose from blurs to chromakeys to bar tone generators, and you can keyframe all the effects with an innovative timeline feature. Final Cut Pro can also import Adobe After Effects filters. Find out more at http://www.apple.com/finalcutpro

There's a huge choice of editing software for your Mac including favourites like Adobe Premiere, After Effects, http://www.adobe.com EditDV (http://www.conexus.com.au) and MovieWorks from Selective Software Distributors on (07) 3891 9370.
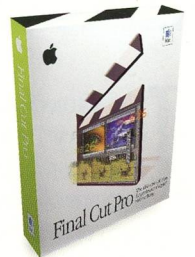
The non-DV iMac solution

My Capture (RRP $375) is a complete solution for non-DV iMacs that will let you create professional videos and Web movies with no prior experience! All you need is a standard video camera – not a DV camera. Just plug the supplied video capture device into the USB port of your iMac and you're ready to capture full-motion video, still images, audio or graphics from a standard VCR, DV camcorder, TV or the Web. To edit movies, MyCapture includes Strata VideoShop – simple drag and drop editing software which will also let you add special effects, voice-overs, soundtracks, animated titles and credits. For more information, visit http://www.conexus.com.au

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rg – *all you need is imagination*

QuickTime tips & tricks

- QuickTime looks for pixels that stay the same across the frame, so steady shooting results in more efficiently compressed video. Use a tripod.

- Keep backgrounds simple. QuickTime looks for large spaces of steady colour and assigns one colour across all those pixels making compression smoother and more efficient.

- Pans and zooms don't compress well.

3 And now it's time to show the world

How are you going to publish your video? The choice is yours. To save it back onto tape you'll need a VCR with a capture device plugged into your Mac. Then it's just a question of hitting record and voilà!

To save it as a QuickTime movie is as simple as clicking on a 'save as' option in the editing software. If you want to optimise your QuickTime movie for the Internet, you should buy Apple's QuickTime 4 Pro (RRP $29.95). This video compression software lets you easily create Internet-ready audio and video, add special effects, make presentations and slide shows and export videos, sounds and pictures to more than a dozen standard file formats.

There are several ways to publish movies on the web. HTTP (HyperText Transfer Protocol) and RTP/RTSP (Real Time Protocol/Real Time Streaming Protocol). HTTP is when a visitor to your website downloads and streams an entire movie to their hard disk. RTP/RTSP is a 'just-in-time' streaming technology that keeps your computer in constant touch with the server running the movie. Digital data is transferred and displayed – and discarded once you've seen it. At no point is the entire movie stored on your computer.

HTTP streaming is good for short movies and anything else you intend to play over and over again. RTP/RTSP streaming is ideal for full-length movies and live events. RTP/RTSP streaming requires a Power Macintosh G3 Server running Mac OS X Server software which includes QuickTime Streaming. Alternatively, you can contact your ISP and ask them to 'serve and stream' for you.

To prepare your QuickTime movie ready for your ISP to webcast, you need to reduce the frame rate (number of frames per second to be broadcast) to about 15 frames per second and reduce frame

size to about 160x120. This makes the broadcast flow smoothly over the Internet. Compress your movie in Final Cut Pro or QuickTime Pro. There's a great QuickTime tutorial at http://www.apple.com/quicktime/

If you're serious about streaming your own QuickTime movies, Sorensen Broadcaster (RRP $299) is a transmitter application which resides separate from your QuickTime Streaming Server. It compresses audio and video and then configures it for live streaming. See http://www.s-vision.com/products/SorensonBroadcaster/

The iMac DV solution

iMovie is an easy to use software program for creating home movies that comes preinstalled on iMac DV computers. With iMovie, you can capture video from a digital camcorder (miniDV) or Digital 8mm format, edit the footage and publish your masterpiece, all in just a few easy steps. With iMovie, a digital camcorder and your iMac you've got everything you need for a complete video workshop. Even if you've never created a digital movie before, iMovie will have you turning out classics in just a few minutes.
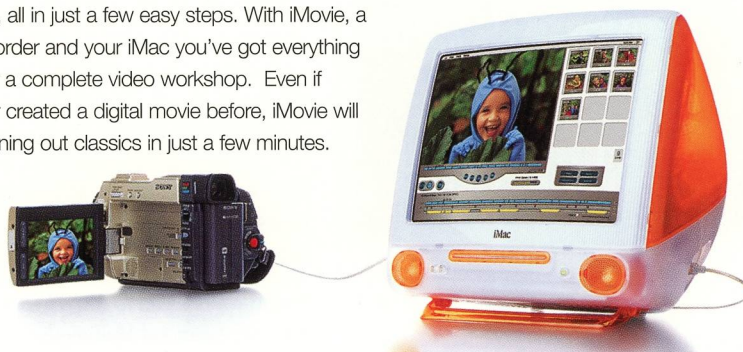
Christmas shopping for the Mac lover.
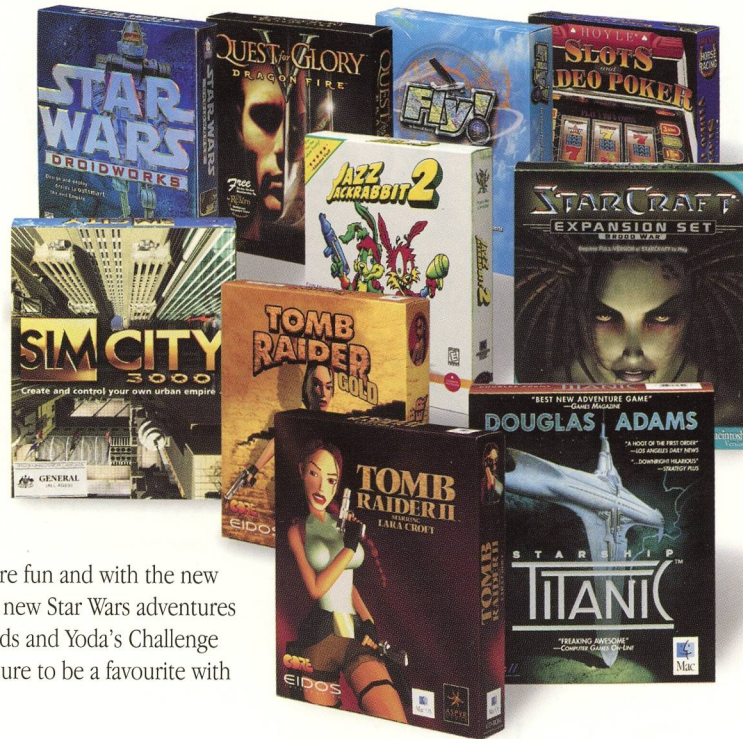
What a great time to own a Mac! The games have never been more fun and with the new G4, they've never performed better either. Watch out for three new Star Wars adventures from Lucas, Star Wars Episode 1: The Gungan Frontier, Pit Droids and Yoda's Challenge activity game are all out now. New too, is the Rugrats Mystery adventure, sure to be a favourite with the rugrats in your house!

Total Annihilation – Gold Edition.
MacSoft's Gold Edition (RRP $89.95) comes with two mission packs: the Core Contingency and Battle Tactics making it huge value. It's an all-time classic battle game. For each side, the only acceptable outcome is the total annihilation of the other. Over to you!

Quest For Glory V: Dragon Fire. The thinking person's game, Quest for Glory V (RRP $49.95) combines the best elements of role-playing with pulse-pounding real-time action. Set in the amazing 3D realm of Silmaria, Dragon Fire takes you on a journey fraught with peril, mystery and enchantment.

Age Of Empires. (RRP $89.95) A little history with your gaming? Try this highly detailed simulation featuring 12 of the important cultures of the past. Your job is to help the tribe survive and thrive as you develop technology, culture and military prowess to protect your allies and obliterate your foes.

Starship Titanic (RRP $89.95) You are trapped inside the Starship Titanic, but not alone. The ship is inhabited by a crew of malfunctioning robots and a semi-deranged parrot. Try to move your way up through the ship from third class to first class, discover its mysterious secrets and return to Earth.

Jazz JackRabbit 2 (RRP $49.95) is a fun-packed cartoon adventure game. The evil Devan Shell has stolen Princess Earlong's diamond ring. As Jazz, or his spaced out brother, you must travel through time and take on wacky turtles, bizarre monkeys and more to get the ring back – or you're history!

Tomb Raider II, (RRP $69.95) is the second chapter in the continuing sage of Lara Croft. Join Lara in her quest for the Dagger of Xian, reputed to possess the power of the dragon. Plenty of obstacles await you in this thrill-packed game. And for Lara Croft fans, don't miss **Tomb Raider Gold** (RRP $69.95).

Fly is perfect for the flight simulation lover in your family (RRP $79.95). It's a groundbreaking general aviation simulation with ultrarealistic graphics, sounds and effects.

Sim City 3000 (RRP $89.95) is a stunner. The new graphics and the new interface put this into the league of all-time must-have games. You're in charge of building an entire city from the ground up and the sky's the limit. You'll manage everything from budgets to bulldozers, taxes to tornadoes – all with more control than ever before.

StarCraft: Brood War. If you already own and love Starcraft, then you'll want this. The Brood War expansion set (RRP $49.95) expands the action and adventure with 26 new scenarios set within three epic campaigns.

Slots and Video Poker. For the pokie addict, this software provides the equivalent of at least a week in Vegas for a fraction of the price (RRP $49.95).

WIN an MP3 Player!

Apple Computer and Diamond Multimedia Systems are offering you a chance to be one of the first people in Australia to own the new Rio 500 (RRP $599) from Diamond Multimedia! MP3 players are the new industry standard for downloading and playing music from the Internet.

Almost the same size as an audio cassette, it features 64MB of of built-in memory for up to 2 hours of continuous digital music, a USB connection for fast download speeds and a single AA battery for up to 13 hours of continuous play.

To win yours, head to http:// www.apple.com.au/mp3 and answer this question: What colours does the Diamond Multimedia Systems MP3 player come in? Entries close 15/12/99.

Home office heaven

You work hard for your living. So, go on indulge yourself this Christmas with an office accessory to lighten your workload!

Music while you work? Spoil yourself with these superb **Cozo speakers** in matching iMac colours for just $199 RRP. They don't just look great, they sound fantastic and bring astonishing hi-fidelity sound to your Mac.

And then there's new **FileMaker Pro 5** – ready to organise and streamline your business, this superb relational database is a must-have for every office. It's used for the most basic office administration right up to controlling sophisticated e-commerce databases for the web.
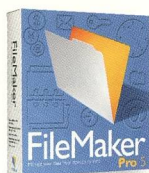
What about the comfortable, ambidextrous **USB Wheel Mouse** also from Logitech, just $89.95 RRP. Or for $29 RRP buy the UniTrap from Contour. It's an ergonomic snap on shell for the iMac mouse. Includes all five flavoured buttons for the perfect match to your iMac.

Make a new year's resolution to be more organised than ever before with the cool new transparent **Palm IIIe** connected organiser. Use it to record everything from dates, to meetings and more and then hot synch it back to your Mac for back-up. $249 RRP.

The gift of better grades

If your kids think that an 'educational' gift is akin to receiving a sack of coal for Christmas, try an 'edutainment' software game. These clever CDs look and feel like games, but actually teach maths, English and other skills – devious, huh?

Many Australian kids have grown up on the enormously successful Reader Rabbit and ClueFinders series of educational games (RRP $49.95 each). There's a whole range of fun adventures from Baby to 6th grade. In the background, the software uses new ADAPT learning technology which automatically customises the game to respond to each child's educational needs.

For that Aussie flavour, try Blinky Bill First Grade, Kindy and Pre School. Good value at (RRP $49.95 each), these fun packs offer plenty of learning games and fun.

Winnie the Pooh from Dataflow also got offers 3 fun titles (RRP $69.95 each) which teach basic learning skills from kindergarten through to pre-schoolers.
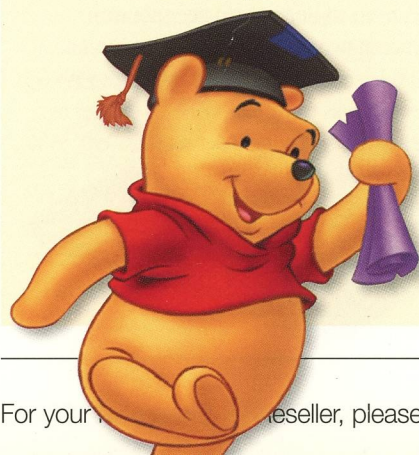
Make Christmas more affordable with
Flexirent

Want to spoil yourself with a special Christmas gift, but can't quite afford it right away? Why not consider Flexirent. It's the modern alternative to tried and tired bank loans and financing options and it's available from your Apple Reseller.

Flexirent, as the name implies, makes it easy by letting you pay for your Apple Mac in monthly payments – spreading your costs. Plus you can easily upgrade to new equipment without digging into working capital or hard earned savings.

The additional cost for the best performance is marginal when it is spread over two or three years and will boost your productivity. And don't worry about how to sell off that old model, Flexirent takes care of that.

Graphic designer Chris Lapsley always loves to have the latest technology at his fingertips. When his design files began to bloat beyond the capacity of his computer he realised he needed a new PowerBook. And he needed it fast! Instead of buying the latest PowerBook, he arranged a Flexirent contract.

Chris says the contract saved him his hard earned money that is now invested elsewhere in his business. He also knows he will be in a good position to upgrade to the G4 when he wants.

"Flexirent provided me with huge savings and a quick way to upgrade at a time when I desperately needed a faster Mac.

"It was so much better than buying it outright, plus it is 100 percent tax deductible," he said.

Flexirent is a quick and convenient operating lease for computers costing under $10,000. If you want to spend more, Flexirent caters to big businesses and government organisations wanting a flexible and convenient way to finance equipment up to $5,000,000. To find out why Flexirent is so popular, call them on 1800 240 102 for an instant quote.

Top 10 reasons to use Flexirent

1. Conserves working capital
2. Spreads the cost over the useful life of the equipment
3. Tax deductible for business
4. A great way to have the latest Mac
5. Get more equipment for your budget
6. More flexibility
7. Helps reduce debts
8. Convenient payment plan
9. A sound business decision
10. Simple setup and 10 minute approval

Home networking
It's never been easier.

You've got a PowerBook in the office, a new iBook that everyone's fighting over in the loungeroom and you're thinking about getting the kids an iMac for Christmas. The next question is – how do you get all these computers to share the printer and the Internet.

Bedroom 2

Loungeroom
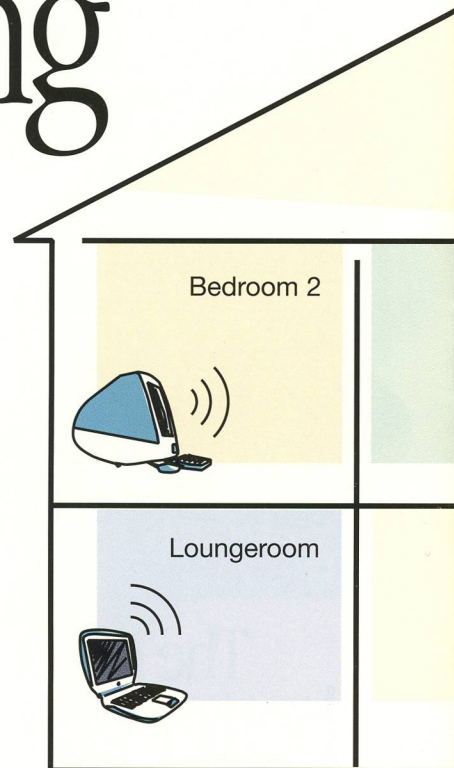
AirPort[†] networks are easy to set up. All you need to do is plug the AirPort basestation into your phone outlet. It includes a 56K modem or an Ethernet port if you wish to connect to an ethernet network. Then make sure the computers you wish to network have an AirPort card installed. The new iMacs, the Power Mac G4s and iBooks all support wireless networking. You can even include PowerBooks and non AirPort desktops (see right). AirPort can also be used in a cross-platform environment if your PC supports wireless networking.

Installing an AirPort card takes a matter of seconds. It's about the size of a credit card and fits easily into a conveniently located slot. The set-up assistant guides you through a few simple steps, and you'll speed through everything from the easy configuration to the intuitive software interface. And that's it. Hold the wiring.

AirPort lets you access the Internet with any computer that supports wireless networking up to 50 metres away from the base station. You can share a single Internet connection among

all the 'wireless computers' in your home. The wireless data rate is up to 11 megabits per second. And if you have a broadband connection you'll be surfing the Internet wirelessly as fast as your connection will let you! AirPort uses radio frequencies for communication. Unlike infrared signals, which require an unobstructed line of sight between

the remote unit and the base station, radio frequencies can pass through solid objects such as walls. You can do it from any room in your house. You can also transfer files from one computer to another with AirPort. Picture the possibilities for using your wireless iBook to enjoy multiplayer games against your family — or even against the kids across the street.

AirPort

How to add a PowerBook to your AirPort wireless network

PowerBooks can easily access your wireless AirPort network by fitting a WaveLAN Turbo PC card from Lucent. WaveLAN cards use the exact same technology as AirPort cards, are easy to install and enable you to transfer data at up to 11mbps using very little power, which saves batteries. If you have two or more PowerBooks, with a WaveLAN card, they can easily send and receive files from each other. WaveLAN cards also provide a choice of security levels right up to military strength 128-bit encryption.

Farallon also has a neat little product called SkyLINE. It's a wireless PC Card which slots into your Apple PowerBook. It transmits data at up to 2mps and is low on battery

consumption. Once in place, you can access AirPort Internet and email as well as ethernet network resources (if you have them) such as file servers, printers without wires from up to 100m away! With SkyLINE, you can also create an ad hoc peer-to-peer network between two or more portable computers. Both Lucent and Farallon cards work with G3 PowerBooks using Mac OS 7.5.5 or later as well as the following older models: 190, 5300, 1400, 2400 and 3400.
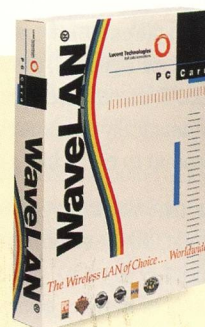
Home office

Bedroom 1

Sharing Internet access on an Ethernet network

There are a number of solutions for Macintosh models without wireless networking.

VicomSoft Internet Gateway will connect your home network to the Internet, sharing a single account and connection between the whole family. It will also filter unacceptable sites if you choose. It includes a full Router, DHCP server, Remote Access Server, Firewall and Multi-Hosting ability.

VicomSoft Router Plus is a comprehensive network connectivity package which will let you all share the Internet simultaneously using a single account and connection. Major features include a full Router, DHCP server, Remote Access Server, Firewall & Multi-Hosting to run multiple virtual web sites.
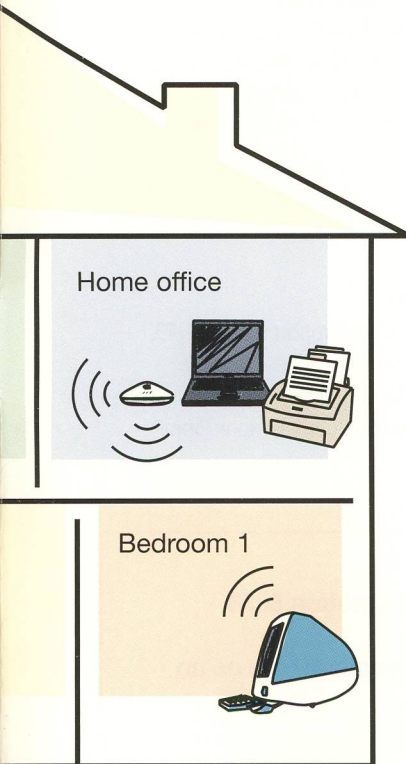
VicomSoft Surf Doubler software enables two people using two Macs to surf the Internet at the same time! You can use SurfDoubler with a modem, cable modem or ISDN!

Farallon's Internet Sharing Starter Kit provides everything you need to to connect two 10Base-T ethernet equipped Macs to the Internet without needing to buy multiple Internet accounts.

A further three computers or printers can be connected with additional 10Base-T cables. The kit also permits sharing of files and Ethernet printers over a network. The kit includes a palm-sized 5-port 10Base-T hub with selectable uplink port and Vicomsoft SurfDoubler Internet Sharing software, plus a users guide and cables.
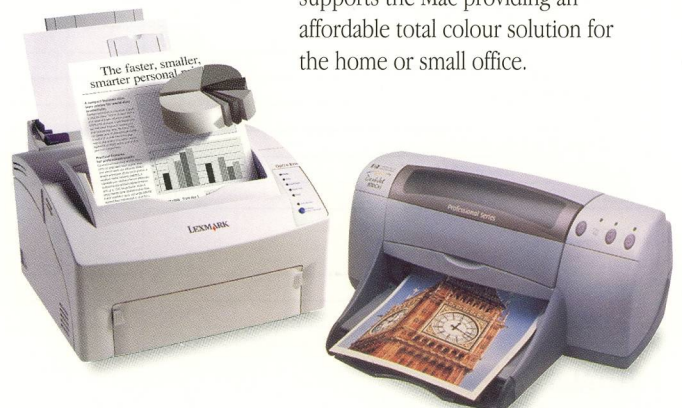

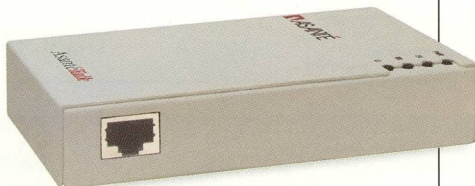
How to connect your new iMac to an old printer

EtherMac iPrint Adapters from Farallon enable you to easily connect your new iMac, G3, or other Ethernet-equipped Mac to your existing LocalTalk or 'serial' StyleWriter printer.

The EtherMac iPrint Adapter provides 10Base-T Ethernet and an RJ-11 connection for LocalTalk printers including most Apple LaserWriters and newer StyleWriters, as well as many HP Laser and inkjet printers. The iPrint Adapter also permits file-sharing with LocalTalk-equipped Macs and supports the daisy-chaining of up to 8 LocalTalk devices to a 10Base-T hub.

AsantéTalk is another easy and affordable way to connect your Ethernet Macs to share files or printers. It includes all necessary cables and a quick start set up sheet. Just plug in Ethernet on one side and LocalTalk on the other to enable simultaneous connections of up to eight Local Talk devices – including printers, Macs etc to an Ethernet network or computer.

AsantéTalk makes it easy to transfer Macintosh files to your iMac via the AsantéTalk direct connect cable.

Need a printer?

Apple owners are spoilt for choice when it comes to buying a printer. Remember to ask for a network printer, if you're planning on sharing one at home.

Hewlett Packard has a couple of great network printers. The affordable DeskJet 895 cxi and the DeskJet 970 cxi are two superfast photoquality printers that are fully USB compatible and networkable. Both print 11 pages per minute in black and white and 8.5 pages per minute in colour. The 895 cxi is designed to print around 3000 pages per month and the 970 cxi is designed for higher volume traffic with up to 5000 pages per month.

Lexmark has introduced a USB compatible black and white printer. The Optra E310 prints at 8ppm at resolutions up to 1200 dpi for crisp, fast printing. Add the optional flash memory card to store fonts, forms and macros, and you've got an unbeatable personal printing solution that caters to your every need.

The Epson StylusColour 740 inkjet printer prints 1440 x 720 dpi colour images and black text that's laser sharp. A USB interface supports the Mac providing an affordable total colour solution for the home or small office.

 AppleNews

Mac OS 9

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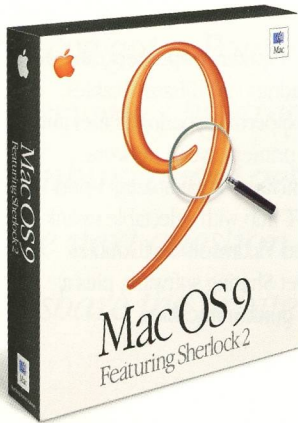
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