COMPUTER CONTENTS

GROUP TESTS

138 PCs from £700 to £1500

Find a Christmas cracker of a PC in our test. There's something for everyone, with games systems for £1500, mid-range home/office machines for £1000 and budget bargains for £700. Ajith Ram unwraps a dozen marvellous machines.

141 Armari NBX-350 95

141 Carrera Power Pro 2-450

143 Gateway G6-350

143 Mesh Elite Terminator 350

146 Atlantic Pro 98

146 Dan Xplora II Plus

148 Mertec XM300-K2

148 Tiny Family Bonus

152 Dabs Direct Atlantis Home Value

152 Elonex MLX-6333/1

155 Linear Vantage XL

155 Roldec Puma

184 Image editing

Top tips for better pics: fancy adding a moustache to Great Aunt Mildred's photo, or taking the red-eye off your seemingly demonic loved ones? Ken McMahon looks at ten of the best budget image editing packages, and in the complementary <code>Hands On Workshop</code> [p245], shows you how to use them.

191 Adobe PhotoDeluxe 2

192 Kai's SuperGoo

192 Kai's Photo Soap

194 LivePix 2.0

196 Metacreations Art Dabbler 2.0

199 MGI PhotoSuite II

199 Microsoft Picturelt! 2

201 Paint Shop Pro 5

202 Prof. Franklin's Instant Photo Effects

202 Ulead Photo Express 2

208 Digital video

If you're a budding Tarantino, we have the best in digital camcorders and video capture cards. If you're a movie buff, we have the lowdown on DVD and home cinema. And if you want to keep in touch, we have the latest in videoconferencing.

DVD

213 Sony DDU220E **213** Panasonic SR8582

Digital camcorders

 216
 Canon DM-MV1
 218
 Hitachi MP-EG1A

 216
 Panasonic NV-DS77
 218
 Sony DCR-PC1

218 Sharp VL-PD1

Video capture

225 ATi All-In-Wonder Pro
228 Pinnacle miroVideo PCTV
226 Hauppauge WinTV
228 Pinnacle Studio 400

228 Matrox Marvel G200

Videoconferencing

230 Intel ProShare Conferencing

231 Kodak DVC3 23

231 Pace Colour Video Camera PCI

232 ViaTV Phone

232 Vtel SmartStation

Present and correct Treat yourself to one of the top systems in our three-tier PC group test. Present and correct Treat yourself to one of the top systems in our three-tier PC group test.

FEATURES

122 Interview

Robert Llewellyn, the actor who plays Kryten in TV's Red Dwarf, tells Robert Juman Blincoe about his love of gadgets, his web site and his new book about a *PCW* reader.



128 Christmas team spirit

Everyone at PCW has a Christmas list as long as your arm, chock-a-block with state-of-the-art kit. Here are our stocking-filler suggestions for Santa.

166 European horizon

Sooner or later, trading in the euro is going to be an unavoidable reality. James Taylor looks at those accounting packages that are euro-ready and shows you how to prepare for monetary union.

175 Christmas quiz

Stuck for something to do after Christmas dinner? Then wrap your brain around these festive 50 techie teasers and you could win a Canon digital camera or a copy of Microsoft Encarta.





REVIEWS

NEW PRODUCTS

- 78 Introduction
- **79 MultiQ FPC** All-in-one PC and LCD.
- 80 Elonex MCX-6350 Capable budget PC.
- 81 **Gateway Solo 3100 FireAnt** Another of those sexy subnotebooks.
- 84 **Umax Actionbook 330T** An entry-level notebook.
- Sony Multiscan F500 86 Gorgeous high-end monitor.
- **Nikon CoolScans** A couple of top-notch film scanners
- 92 **Hewlett-Packard 1100A** A printer and scanner in one.
- **Duplidisk RAID controller** An EIDE RAID 1 controller.
- 99 **Wacom Intuos** A suite of new graphics tablets.
- VideoLogic DVD Player Top-notch DVD hardware.
- 100 STB Velocity 4400 Super-quick graphics card.
- 100 Hercules Terminator Beast Fast graphics on a budget.
- 103 Caligari trueSpace4 3D design and rendering.
- FileMaker Pro 4.1 Powerful, easy-to-use database.
- 108 Nemesys Giga Sampler Amazing digital sampler package.
- QuarterDeck CleanSweep 110 Deluxe v4 Keep that hard drive tidy.
- 112 MapInfo Professional For the cartographers amongst you.
- PowerTranslator Pro Translate to and from English.
- Leisure pack for Psion Relax with some silly games.

LONG TERM TESTS

- 117 Hi-Grade Axion PRII 266 Twelve months on, this PC continues to make the grade.
- 117 Mesh Elite Pegasus Still flying high
- 119 Taxan CrystalVision 660 Looks sharp six months on.
- 119 Viewsonic VP150 Viewpanel Flatpanel with bags of style.
- VoiceType Simply Speaking Making it easy to speak your mind.

- 10 Subscriptions & Back Issues
- 11 **Editorial**
- Cover Disc Notes Applications, games, the internet and the software library.
- 21 Cover Disc Questionnaire
- 26 News & Analysis End of the line for Windows 98; the first digital TV cards.
- 64
- 74 Gadgets
- 245 Futures

The advent of fingerprintrecognition technology; and how to play with robots on the web.

- 310 Reader Offers
- 727 ChipChat

LEISURE LINES

- 307 Screenplay
- 310 **CDs**
- 312
- Competition: Win FileMaker Pro 315 – Developer Edition, the great database solution.
- 316 Retro The eccentric Apricot F1.
- 319 **Books** Bill Gates takes centre stage.
- 324 Brainteasers / Prize Crossword

Sounding Off 57

Out on his own in the Big Apple, Michael Hewitt finds keeping in touch is as easy as pie.

59

Straight Talking Net fraud is rife, but prevention is struggling to keep up. Barry Fox investigates security measures.

61 **Business Matters**

> Brian Clegg asks whether the standard of computer education in schools makes the grade.

Out of Site

We're running out of root domain names on the web, says Paul Smith, who offers a few of his own.

324 Direct Buyers World

- 697 Micromart
- Buying Advice & Best Buys 708
- 716 Faxback Service
- 718 **Directory of Product Suppliers**
- 724 Index of Advertisers



241 Introduction

Your guide to what's ahead.

Unix Workshop

Can't choose between Windows and Linux? Why not have both.

Image Editing Workshop

Ken McMahon touches up his snaps with Paint Shop Pro.

Internet

Free access at last; but is the internet really available to all?

Windows

What happens when Task Scheduler refuses to work.

16-Bit

Roger Gann proves that two boots onto one hard drive will go.

Windows NT

The need for speed: Andrew Ward investigates how Windows NT performs on this front.

With a PDA, your data is free to roam. Here's how to get it there.

Chris Bidmead contemplates the alternative to Windows.

Terence Green investigates browser alternatives.

Word Processing

To hyphen or not to hyphen? Tim Nott reviews the rules.

276 **Spreadsheets**

> Stephen Wells has some handy tips for totalling macros.

Databases

Mark Whitehorn digitises the family album.

Hardware

Roger Gann looks at the OverDrive alternative to new chips.

285 Sound

Steven Helstrip books time in the digital music studio.

Graphics & DTP

Intelligent Intellihance instantly improves images.

290 **3D Graphics**

Decorate your house on-screen before you attack the wallpaper.

Visual Programming DevPartner Studio kills all known bugs. Tim Anderson checks it out.

Networks

Bob Walder charts the progress of Windows NT5.

Good buddies? PC emulation software springs a few surprises.