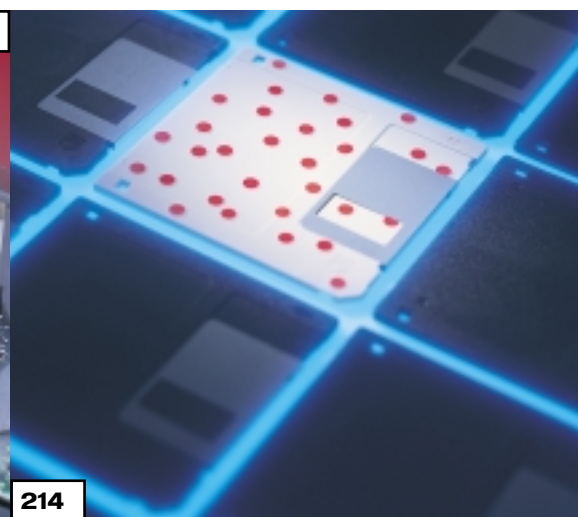




162



190



214

GROUP TESTS

WINDOWS 2000 PCS

162 HIGH FLYERS

As the successor to NT4, Windows 2000 is targeted at business users, so we took a look at 10 2000-compatible high-end systems with the potential to upgrade

181 HOW WE TESTED

SYSmark 2000 explained

185 PERFORMANCE RESULTS

186 TABLE OF FEATURES

188 EDITOR'S CHOICE

CD WRITERS

190 WRITE HERE, RIGHT NOW

Storing your data on CD used to be an expensive business – but no more. With prices ranging from £150 to £250 inc VAT, and the choice of EIDE, external or SCSI rewritable drives, you can't afford to miss our test of 18 CD-RWs

204 DVD AND FUTURE OF STORAGE

206 PERFORMANCE RESULTS

208 TABLE OF FEATURES

HOW WE DID THE TESTS

211 EDITOR'S CHOICE

ANTI-VIRUS SOFTWARE

214 HOW SAFE ARE YOU?

The Internet has made protection from viruses more and more important. Our group test put 12 anti-virus packages through some stringent tests, so if you're looking for a protector start reading now

224 THE NETWORKED ENVIRONMENT

227 TABLE OF FEATURES

228 EDITOR'S CHOICE



REVIEWS

HARDWARE

74 MESH MATRIX 1GHz ULTRA

We test AMD's 1GHz chip...

75 DELL DIMENSION XPS B1000

... and Intel's competitor

76 SONY VAIO PCG-Z600RE

Sexy, stylish ultra-portable

77 TOSHIBA PORTÉGÉ 3440CT

Notebook with great specs

78 CARRERA LYNX W600

Celeron 600MHz chip pioneer

80 DAN DANTUM 866PC

Workstation with expansion in mind

83 CARRERA MUSIC PC - PREVIEW

Rack-mountable sound studio

87 VADEM CLIO C-1050

Stylish, flexible notebook

88 UMAX ACTIONBOOK S 246T

Notebook for mobile users

PERIPHERALS

91 MITSUBISHI DIAMOND PLUS 91 VS CTX PR960F

Two 19in monitors to head to head

92 MATROX G200 MMS

A new card on display

SAMSUNG SM 1100P PLUS

The latest SyncMaster offering

97 SONY CONTACT PCS-1500

A quality videoconferencing system

98 GIGABYTE GA-6BX7

Motherboard for the Flip Chip

101 FUJIFILM FINEPIX 4700 ZOOM

A 4.3 megapixel Super CCD camera

104 CANON POWERSHOT S20

A hit with a 3.3 megapixel CCD

106 UMAX ASTRA 4000U

Sizeable mid-range scanner

SOFTWARE & BOOKS

106 DRIVE IMAGE PRO 3.01

Disk imaging utility

109 WINDOWS CE3.0

A bid to win the palm market

110 ADOBE LIVEMOTION

Easy-to-use rival to Flash

116 ADOBE INDESIGN 1.5 - BETA

Challenger to the mighty Quark

117 QUICK VERSE 6

The Bible at your fingertips

118 MGI VIDEOWAVE III

Enter the video-editing world

123 MANDRAKE LINUX DELUXE

Easy-to-install operating system

124 NORTON IS 2000

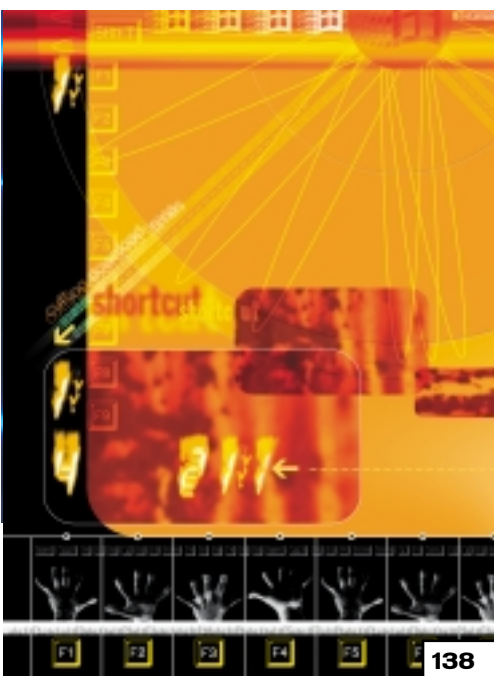
Firewall protection for surfers

128 RHINOCEROS 1.1

3D design software for NURBS

130 HOW TO DRAW AND PAINT

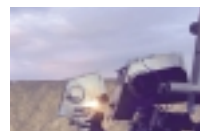
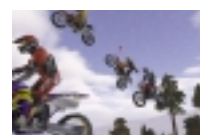
VIRGIN INTERNET TRAVEL GUIDE



146



138



FEATURES

- 138 WINDOWS WONDERLAND**
We've put together a grand total of 50 tips and tricks to enable you to get the best out Windows
- 146 DIGITAL VIDEO EDITING**
Want to make movies? Now's your chance with our in-depth workshop showing you how to use video-editing techniques to achieve professional results
- 156 BIONICS**
If you remember the *Six Million Dollar Man* it may show your age, but watch out, technology could make the concept a reality
- 159 MOLECULAR STORAGE**
Lack of storage space is a perennial problem, but the ancient abacus may hold the answer

NEWS

- 25 WEB ACCESS SET TO EXPLODE**
BT Cellnet rolls out wireless service and prepares for ADSL; Netscape's new look (p26); Microsoft lifts lid on X-box games console (p28)

COVER DISCS

- 12 ORDNANCE SURVEY ATLAS**
This month's CD sports the full version of the OS Interactive Atlas of Great Britain, featuring not only the highly regarded maps, but also street maps and multimedia activities. Plus WebInspector Special Edition and our Software Library

HANDS ON

- 231 CONTENTS**
- 232 QUESTION TIME**
Your queries answered
- 236 WORKSHOP: APACHE**
Getting to grips with a web server
- 239 WINDOWS**
Timekeeping problems
- 242 WINDOWS 2000**
Upgrading to the new OS
- 244 WINDOWS NT**
Up-to-date service packs are vital
- 248 UNIX**
Running on two OSs
- 253 HARDWARE**
The secret of overclocking
- 258 OFFICE APPLICATIONS**
Colour changes and dictionaries
- 262 DATABASES**
Playing guessing games
- 264 SOUND**
Transferring vinyl to CD
- 268 GRAPHICS & DTP**
Problems with chrome and scans
- 270 3D GRAPHICS**
Upgrading for 3D needs
- 272 VISUAL PROGRAMMING**
Automation server in Delphi
- 276 WEB DEVELOPMENT**
How to configure Apache
- 279 PDA**
Sharp organiser under the spotlight
- 283 NETWORKS**
We take a look at firewalls

LEISURE LINES

- 454 PREVIEWS**
- 455 GAMES**
Soldier Of Fortune; Star Trek: Armada; Star Wars: Force Commander; Enemy Engaged: Comanche Hukum; Rollcage Stage II; Need For Speed: Porsche 2000
- 462 SURF CITY**
The PCW team's favourite sites
- 465 BRAINTEASERS AND CROSSWORD**
- 466 COMPETITION**
Win a great Canon bundle, including the PowerShot S10 camera
- 467 FLASHBACK**
- 468 RETRO**
BBC Micro Model B

REGULARS

- 9 EDITORIAL**
- 10 CONTACT US**
- 11 INDEX OF ADVERTISERS**
- 58 INSIDE INFORMATION**
- 61 STRAIGHT TALKING**
- 62 BUSINESS MATTERS**
- 64 404 NOT FOUND**
- 67 LETTERS**
- 133 BEST BUYS**
- 136 GADGETS**
- 285 BUYING ADVICE & BUYERS' CHARTER**
- 288 FAXBACK SERVICE**
- 290 READER OFFERS**
- 437 MICROMART**
- 451 DIRECTORY OF PRODUCT SUPPLIERS**