Contents

Welcome to Issue 216

Highlights

08 Cache rich
Richard Swinburne ponders the impact of AMD’s upcoming 3D V-Cache technology.

16 GeForce RTX 3070 Ti and RTX 3080 Ti
You may not be able to buy them anywhere, but the latest updates to Nvidia’s graphics card line-up are here and we’ve put them through their paces.

26 IceGiant ProSiphon Elite
Enormous and expensive, but does this heatpipe-based air cooler for your CPU deliver the goods?

30 Corsair Sabre RGB Pro
 Lightweight and ideal for a relaxed palm grip, Corsair’s new mouse is a bargain.

42 Radiator therapy
Antony Leather tests six of the latest 240mm all-in-one liquid CPU coolers.

50 Scanning the airwaves
Six mid-range Wi-Fi 6 routers are put to the test by Edward Chester.

68 Resident Evil Village
Infamous for its larger-than-life Lady Dimitrescu character, the latest Resident Evil is finally here. Rick Lane endures its horrors.

71 Totally Accurate Battle Simulator
Accurate or not, this cut-down strategy game is a quirky delight that costs just £15.

74 Build your dream PC
Paint, etch, water-cool and cut your PC to personal perfection with our complete guide to customising the look of your machine.

86 Home networking
What’s the best way to get the highest speeds, lowest ping and longest range for your home network? Edward Chester investigates.

94 Arduboy FX
Gareth Halfacree investigates the new and improved version of this Arduino-based handheld games console.

102 How to guides
Antony Leather shows you how to get the perfect finish when spray-painting your PC case.

107 3Dfx Voodoo 3D
Stuart Andrews relives the glory days of the first must-have 3D graphics acceleration card.
Cover guide

Regulars

3 From the editor
8 Richard Swinburne
10 Tracy King
12 Incoming
38 Custom kit
58 How we test
66 Elite products
70 Inverse look
72 Reality check
94 Hobby tech
99 For the win
100 Customised PC
102 How to guides
107 Retro tech
110 Readers’ drives
114 James Gorbold

Reviewed

GRAPHICS CARDS
16 Nvidia GeForce RTX 3070 Ti
18 Nvidia GeForce RTX 3080 Ti

MOTHERBOARDS
22 Gigabyte Z590 Vision G

CPU COOLERS
26 IceGiant ProSiphon Elite

GAMING MICE
28 Roccat Kone Pro
30 Corsair Sabre RGB Pro

GAMING LAPTOPS
32 Asus TUF Dash 15

PC SYSTEMS
34 Wired2Fire Ultimate
36 Chillblast Fusion Testarossa

Custom kit
38 SanDisk iXpand Wireless Charger Sync
38 Klim Bamboo Laptop Cooler
38 ColorCoral Cleaning Gel
39 Nanoleaf Shapes Triangle Starter Kit
39 Mouse Jiggler

240mm AIO cooler Labs
43 Alpenföhn Glacier ARGB
44 Antec Neptune 240
45 be quiet! Silent Loop 2
46 Corsair iCUE H100i Elite Capellix
47 Lian Li Galahad 240mm
48 Phanteks Glacier One 240MPH HALOS

Wi-Fi 6 router Labs
51 Asus RT-AX68U
52 Belkin RT3200-UK
53 Linksys MR9600
54 Netgear Nighthawk RAX40
55 Netgear Nighthawk Pro Gaming XR1000
56 TP-Link Archer AX73

Games
67 Dread XP Collection: The Hunt
68 Resident Evil Village
70 Nier Replicant
71 Totally Accurate Battle Simulator
72 Wraith: The Oblivion: Afterlife

Hobby tech
94 Arduboy FX
96 2600 Magazine Lifetime Subscription
98 Bolt Industries PCB Rulers