

Contents

Welcome to Issue 190

Highlights

- 08** What Google Stadia got wrong
Richard Swinburne is unimpressed by the reveal of Google's new game streaming service.
- 10** Dubious authority
Our resident King takes on a prince over his comments about Fortnite and game addiction.
- 32** Corsair mini marvel
We take a look at the new overhauled Corsair One, which packs a Core i9-9900K and a GeForce RTX 2080 Ti into a miniature package.
- 42** Graphics cards
With several new GPUs and some massive price drops, the £200-£300 graphics card market looks pretty confusing right now. We test the main players to find the sweet spots.
- 52** FreeSync and G-Sync monitors
We check out five FreeSync monitors that have received G-Sync certification from Nvidia, enabling you to get active sync on both AMD and Nvidia GPUs.



- 68** Bring back gibbs!
Rick Lane explores the reasons why first-person shooters stopped letting you chain-gun your opponents into chum, and why 'gibs' should make a return.
- 70** Sekiro: Shadows Die Twice
We take a look at From Software's latest sword-duelling action game.
- 74** Reality check
In this brand-new section, we bring you the latest happenings in the world of virtual reality.
- 76** Build your dream PC
Antony Leather takes you through the whole process of constructing a lavish PC system with your own personal touch, from the initial inspiration through to planning, cutting and painting.
- 86** How LCD monitors work
Don't know your IPS from your VA? Edward Chester dissects the inner workings of modern LCD monitors.



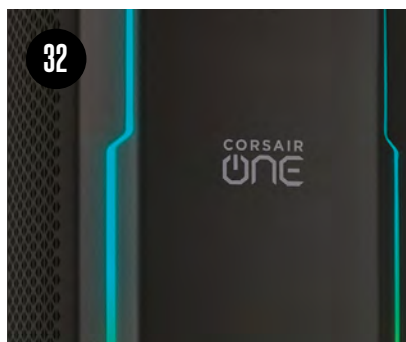
- 94** Steam chic
Bill Owen from MNPCTech talks us through his latest stunning PC mod, which has a Metro Exodus theme.
- 96** Hobby tech
Gareth Halfacree tries out Nvidia's Jetson AGX Xavier board and plays through Hypnospace Outlaw.
- 106** Cut your own air vents
We show you how to modify your case's side panels so a vertically mounted graphics card can breathe.

Cover guide



Regulars

- 3 From the editor
- 8 Richard Swinburne
- 10 Tracy King
- 12 Incoming
- 14 Letters
- 38 Custom kit
- 60 How we test
- 62 Elite products
- 68 Inverse look
- 74 Reality check
- 98 Hobby tech
- 103 Top tools
- 104 Customised PC
- 106 How to guides
- 111 Readers' drives
- 114 James Gorbald



Reviewed this month



Reviews

CPU COOLER

- 16 Alphacool Eisbaer Extreme 280

MOTHERBOARDS

- 18 Asus ROG Rampage VI Extreme Omega
- 20 MSI MPG Z390 Gaming Pro Carbon AC

SOLID STATE DRIVE

- 22 WD Blue SN500 500GB

GAMING CHAIR

- 24 Nitro Concepts S300 EX

KEYBOARDS

- 26 Thermaltake Level 20
- 27 Corsair K83 Wireless

GAMING LAPTOP

- 28 Asus ROG Zephyrus S GX701GX

PC SYSTEMS

- 32 Corsair One i160
- 34 PC Specialist Velocity S1
- 36 Scan 3XS Gamer RTX

Custom kit

- 38 Tablecoaster
- 38 Razer Sphex V2
- 39 GameSir X1 Battledock
- 39 NEWYES Reusable Smart Notebook
- 39 Karrong Headlamp

Graphics card Labs

- 43 AMD Radeon RX 590
- 44 Zotac Gaming GeForce GTX 1660
- 45 Nvidia GeForce GTX 1070
- 46 MSI GeForce GTX 1660 Gaming X
- 47 AMD Radeon RX Vega 56
- 48 Nvidia GeForce GTX 1660 Ti
- 50 Nvidia GeForce RTX 2060

Active sync monitor Labs

- 53 AOC G2590FX
- 54 Acer XZ321Q
- 55 Asus VG258QR
- 56 Asus ROG Strix XG248Q
- 58 BenQ Zowie XL2740

Games

- 69 The Division 2
- 70 Sekiro: Shadows Die Twice
- 72 Ape Out
- 73 The Occupation

Hobby tech

- 98 Nvidia Jetson AGX Xavier
- 100 Hypnospace Outlaw
- 102 Learn Robotics with Raspberry Pi