

Contents

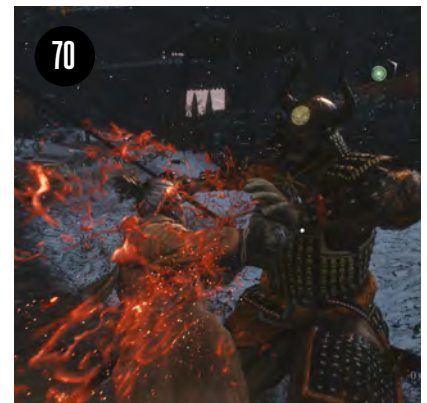
Welcome to Issue 190

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 gibs!
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.

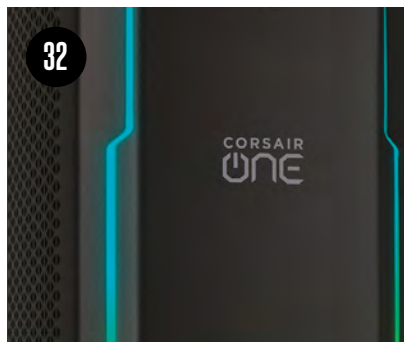
- 106** Cut your own air vents
We show you how to modify your case's side panels so a vertically mounted graphics card can breathe.

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