



Surrey Data Centre



Surrey Data Centre Specifications

Rackspace

Quarter rack	11U 600m wide x 1070mm deep 2 to 4 Amps with optional diverse power feeds 8 port APC power bars with optional remote management allowing for instant reboots via client portal
Half rack	22U 600m wide x 1070mm deep 4 to 8 Amps with optional diverse power feeds 8 port APC power bars with optional remote management allowing for instant reboots via client portal
Full rack	42U 600mm wide x 1000mm deep 4 to 32 Amps with optional diverse power feeds 24 or 42 port APC power bars with optional remote management allowing for instant reboots via client portal

Cages & private suites Also available

Location & access

Town	Byfleet in Surrey
Road links	M25 and A3
Nearest rail station	Byfleet and New Haw
Access for clients	24/7

Power

Power availability	1, 2, 3, 4, 6, 8, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32 Amps
Power feeds	Single and dual power feed available
Mains feed	Ring mains feed; On-site substation; On-site transformer
Backup mains	Generator: N + 1 MTU
UPS	Battery UPS: N+1 Riello UPS



Cooling

Green cooling technology	Fresh air evaporative cooling (PUE <1.2)
Redundancy	N + 5
Hot / cold air partitioning	Cold aisle corridors
Data floor temperature (eg ~20C +/- 2C)	23°C +/- 3°C

Security & fire protection

Fire detection	VESDA, smoke detectors
Fire suppression	FM200
Fire control	Intelligent multi-protocol fire alarm control panel
Manned on-site security	24 / 7
CCTV	Indoor and perimeter outdoor
External security	Exterior movement detectors and tannoy system
Access controls	Proximity access cards

Tech support

Network Operations Centre (NOC)	24/7
Phone, email & ticketing support	24/7
On-site tech support	24/7
Remote hands	24/7

Connectivity

Physically diverse fibre	Yes
On-site providers	4D, BT, Level 3, Virgin Media, Openreach, Zayo
Layer 2 Fibre capacity	100Mbps, 1Gbps, 10Gbps, 40Gbps, 100Gbps Waves and MPLS
IP Transit capacity through 4D	Up to 5Gbps
Transit available	Global IP, Partial IP, Multihomed IP
Additional services	ADSL, Leased lines, Interconnects, VPN ethernet

Extras

Free WiFi
Free parking
On-site kitchen
Nearby supermarkets
Meeting room space available