



Sussex Data Centre

4D Gatwick

Sussex Data Centre Specifications

Rackspace

Quarter rack	11U 600mm wide x 1000mm deep 8 Amps / 2kW Maximum Power Draw 2 x 9 port power bars with dual diverse power Optional upgrade to managed power bars
Half rack	22U 600mm wide x 1000mm deep 16 Amps / 4kW Maximum Power Draw 2 x 9 port power bars with dual diverse power Optional upgrade to managed power bars
Full rack	47U 600mm wide x 1000mm deep 32 Amps / 7.5kW Maximum Power Draw 2 x 42 port power bars with dual diverse power Optional upgrade to managed power bars
Cages & private suites	Also available

Location & access

Town	Crawley, West Sussex
Nearest major road link	M23
Nearest rail station	Three Bridges / Gatwick Airport
Access for clients	24/7 with on-site support and security

Power

Power availability	2-32 Amps / 0.5-7.5kW options depending on rack size
Power feeds	Dual diverse power feeds delivered as standard to each rack
Mains feed	Ring mains feed; On-site substation; On-site transformer
Backup mains	Generator: 2N CUMMINS with 36+ hours of fuel on-site
UPS	Battery UPS: 2N Riello UPS



Cooling

Green cooling technology	Advanced Plate Heat Exchanges + Chillers
Redundancy	N+1
Hot/cold air partitioning	Cold aisle containment
Data floor temperature	23°C +/- 4°C

Security & fire protection

Fire detection	VESDA smoke detectors
Fire suppression	ARGONITE IG-55
Fire control	Intelligent multi-protocol fire alarm control panel
Manned on-site security	24/7
CCTV	Indoor and outdoor perimeter with 90 day retention
Access controls	Proximity access cards, biometric fingerprint

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, Virgin Media, Openreach, Zayo
Layer 2 Fibre capacity	100Mbps, 1Gbps, 10Gbps, 40Gbps, 100Gbps Waves and MPLS
IP Transit capacity through 4D	Fully diverse multihomed 40 Gbps+, Tier 1 Networks - NTT, GTT, TI Sparkle - Peering at LINX & LONAP
Transit available	Global IP, Partial IP, Multihomed IP
Additional services	xDSL, Leased lines, Cloud, Interconnects, VPN Ethernet

Extras

Free WiFi	Meeting room space available
Free parking	Advanced remote/intelligent hands
Secure storage	DDoS protection
Secure deliveries	Managed firewalls
On-site kitchen	Vulnerability scanning, Threat monitoring
Nearby supermarkets	Managed backups