

Enterprise colocation. Kelowna, BC.

Hut 8 Kelowna is the flagship facility in British Columbia's south-central interior — Tier III designed, powered by 95% renewable hydroelectricity, and strategically positioned with one of the lowest geographic risk profiles in North America. A natural DR and edge complement to Vancouver's major BC market.

3MW Designed power capacity	30k Sq ft total facility	99.99% Uptime SLA	95% Renewable energy (hydro)
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- Tier III Designed
- 95% Renewable Hydro Power
- SOC 2 Type II
- NIST Assessed
- Est. 2015
- PIPEDA Data Residency

Kelowna, British Columbia
Canada · BC Interior

canada.hut8.com
1-855-488-8472
sales@hut8.com

KEL · KELOWNA, BC · FULL SPEC

Technical specifications

Tier III designed facility with N+1 and 2N redundancy across power, cooling, and connectivity. Powered by 95% renewable hydroelectricity from BC Hydro.

<p>POWER & DISTRIBUTION</p> <p>3MW Total designed capacity</p> <table border="1"> <tr><td>Max power density / rack</td><td>150+ kW</td></tr> <tr><td>Power redundancy</td><td>2N (A+B)</td></tr> <tr><td>Generators</td><td>2 × 1,500 kW (3,000 kW total)</td></tr> <tr><td>Generator redundancy</td><td>N+1</td></tr> <tr><td>Fuel runtime at full load</td><td>>29 hours</td></tr> <tr><td>Fuel tank capacity</td><td>24,000 L</td></tr> <tr><td>UPS per side</td><td>1,000 kW (double conversion)</td></tr> <tr><td>UPS redundancy</td><td>N+1</td></tr> <tr><td>Voltage options</td><td>415+208V 1Ph / 3Ph, 120V 1Ph</td></tr> </table>	Max power density / rack	150+ kW	Power redundancy	2N (A+B)	Generators	2 × 1,500 kW (3,000 kW total)	Generator redundancy	N+1	Fuel runtime at full load	>29 hours	Fuel tank capacity	24,000 L	UPS per side	1,000 kW (double conversion)	UPS redundancy	N+1	Voltage options	415+208V 1Ph / 3Ph, 120V 1Ph	<p>COOLING SYSTEM</p> <p>1.3 PUE Target Power Usage Effectiveness</p> <p>1.0 (ideal) ————— 2.0 (poor)</p> <table border="1"> <tr><td>Chillers</td><td>2 × 200-tonne (N+1 config)</td></tr> <tr><td>Airflow design</td><td>Cold aisle containment</td></tr> <tr><td>Cooling loop</td><td>Chilled water closed loop</td></tr> <tr><td>Free cooling</td><td>Yes — winter climate advantage</td></tr> <tr><td>Cooling redundancy</td><td>N+1</td></tr> <tr><td>Energy source</td><td>95% renewable hydroelectricity</td></tr> </table>	Chillers	2 × 200-tonne (N+1 config)	Airflow design	Cold aisle containment	Cooling loop	Chilled water closed loop	Free cooling	Yes — winter climate advantage	Cooling redundancy	N+1	Energy source	95% renewable hydroelectricity
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<p>COMPLIANCE & CERTIFICATIONS</p> <p>SOC 2 TYPE II CERTIFIED, NIST ASSESSED, PIPEDA DATA RESIDENCY</p> <p>* NIST assessment is conducted on a case-by-case basis as a more solution-based evaluation. Additional compliance frameworks available upon request.</p>	<p>HUT 8 CLOUD PLATFORM PARTNERS</p> <table border="1"> <tr><td>Microsoft</td><td>Everpure</td><td>Zerto</td><td>Veeam</td></tr> <tr><td>Cisco</td><td>Trend Micro</td><td>Fortinet</td><td>Red Hat</td></tr> <tr><td>Ubuntu</td><td>VMware</td><td>Virtuozzo</td><td>Dell</td></tr> </table>	Microsoft	Everpure	Zerto	Veeam	Cisco	Trend Micro	Fortinet	Red Hat	Ubuntu	VMware	Virtuozzo	Dell
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BC INTERIOR & WESTERN CANADA MARKET

Built for what enterprise demands

Hut 8 Kelowna is purpose-built for regulated, high-density, and latency-sensitive workloads — with Canadian data residency, 95% renewable energy, and a fully integrated national backbone connecting to Vancouver and beyond.

<p><5ms</p> <p>Lowest latency in BC interior Kelowna's location puts Hut 8 significantly closer to BC interior users than any Vancouver or hyperscaler alternative — critical for latency-sensitive workloads.</p>	<p>95%</p> <p>Renewable hydro power Powered by BC Hydro's clean hydroelectricity grid — a verified, not just claimed, renewable energy source that supports ESG mandates without offsets.</p>	<p>2</p> <p>Vancouver failover sites Kelowna customers can failover to Hut 8 VAN 1 or VAN 2 in Vancouver — a fully managed, within-network DR option without relying on a third-party facility.</p>
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CABINET & SPACE OPTIONS

Right-sized for every workload

All configurations include A+B power, standard PDUs, and dual cable trays. Kelowna's 50U full cabinet offers more usable space than the industry-standard 42U.

<p>Half Rack Entry-level & edge deployments</p> <p>25U</p> <table border="1"> <tr><td>Rack units</td><td>25U (½ of 50U)</td></tr> <tr><td>Max power density</td><td>150+ kW</td></tr> <tr><td>Power feeds</td><td>A + B side</td></tr> <tr><td>PDUs</td><td>Standard included</td></tr> <tr><td>Remote hands</td><td>Business hours (9–5)</td></tr> <tr><td>Bandwidth</td><td>1 Gbps included</td></tr> </table>	Rack units	25U (½ of 50U)	Max power density	150+ kW	Power feeds	A + B side	PDUs	Standard included	Remote hands	Business hours (9–5)	Bandwidth	1 Gbps included	<p>Full Rack Mid-market & regulated workloads</p> <p>50U</p> <p>Most Popular</p> <table border="1"> <tr><td>Rack units</td><td>50U (full cabinet)</td></tr> <tr><td>Max power density</td><td>150+ kW</td></tr> <tr><td>Power feeds</td><td>A + B side</td></tr> <tr><td>PDUs</td><td>Standard + customer PDU support</td></tr> <tr><td>Remote hands</td><td>24×7 smart hands</td></tr> <tr><td>Bandwidth</td><td>2–10 Gbps dedicated</td></tr> <tr><td>Connectivity</td><td>Dark fibre available</td></tr> </table>	Rack units	50U (full cabinet)	Max power density	150+ kW	Power feeds	A + B side	PDUs	Standard + customer PDU support	Remote hands	24×7 smart hands	Bandwidth	2–10 Gbps dedicated	Connectivity	Dark fibre available	<p>Private Cage Enterprise & critical infrastructure</p> <p>Custom</p> <table border="1"> <tr><td>Rack units</td><td>Unlimited racks / power</td></tr> <tr><td>Max power density</td><td>150+ kW</td></tr> <tr><td>Cage security</td><td>Physical cage + biometric</td></tr> <tr><td>Security escort</td><td>On-site escort included</td></tr> <tr><td>Connectivity</td><td>Dedicated dark fibre / P2P ring</td></tr> <tr><td>Bandwidth</td><td>100G available</td></tr> </table>	Rack units	Unlimited racks / power	Max power density	150+ kW	Cage security	Physical cage + biometric	Security escort	On-site escort included	Connectivity	Dedicated dark fibre / P2P ring	Bandwidth	100G available
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AVAILABLE ADD-ONS ACROSS ALL CONFIGURATIONS

Remote hands & smart hands	Customer lounge & work area
Encrypted off-site backup vault	Ransomware active scanning
Additional cross-connects	On-site equipment storage
Dedicated dark fibre uplink	Backup recovery drills

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<p>Rack — Standard</p> <p>Standard colo + immutable off-site backup included</p> <ul style="list-style-type: none"> SMBs · single-rack deployments · edge sites 1–4 racks 10 kW per rack A + B power feeds Daily encrypted transfer to immutable vault (7-day retention) Internet bandwidth — 1 Gbps Remote hands — business hours (9–5) 99.99% uptime SLA 	<p>Rack — Business</p> <p>Enterprise-grade protection, mid-market pricing</p> <ul style="list-style-type: none"> Mid-market · regulated industries · multi-rack deployments Everything in Standard, plus: <ul style="list-style-type: none"> 5–20 racks 20 kW per rack Logical air-gap backup + active ransomware scan (30-day retention) 2–10 Gbps dedicated uplink 24×7 smart hands Annual backup recovery test 99.99% uptime SLA 	<p>Rack — Enterprise</p> <p>Physically air-gapped, board-approved, zero-trust colo</p> <ul style="list-style-type: none"> Banks · healthcare · defense · critical infrastructure Everything in Business, plus: <ul style="list-style-type: none"> Unlimited racks / power Physical air-gap vault (90-day or forever retention) Dedicated dark fibre or P2P ring option On-site security escort + biometric Customer-held backup encryption keys Quarterly backup recovery drills 99.99% SLA + termination clause(s)
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Let's talk infrastructure.

No pitch, no pressure — just a straightforward conversation about your requirements. We'll take it from there.

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