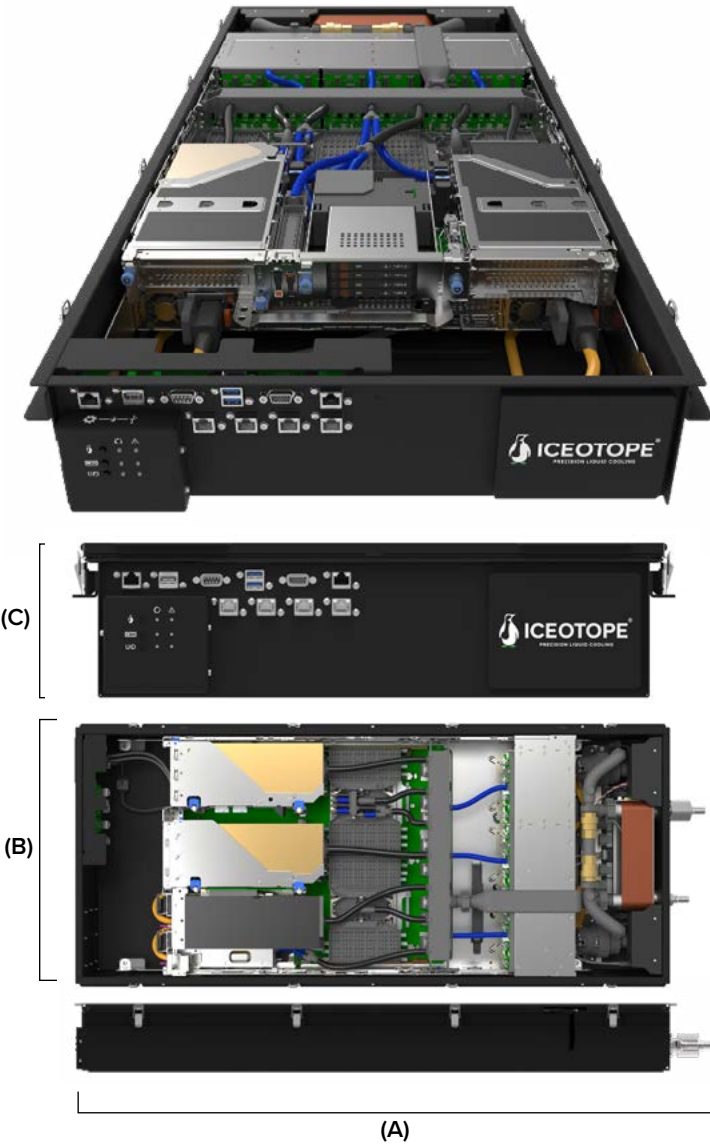


Technical Data Sheet



Iceotope KUL AI R760



- Performance Optimized
- Operationally Efficient
- Highly Scalable
- Increased Hardware Stability
- Sealed and Protected
- Near Silence Operation
- Environmental Sustainability
- Cost Effective

This datasheet provides detailed specifications relating to a DELL R760 PowerEdge server configured and integrated into an Iceotope KUL AI rack mountable Iceotope Liquid Cooled enclosure. Compatible with Iceotope KUL AI Platform infrastructure. See KUL AI Platform Data Sheet for more information on rack integration. Contact our sales team with your server configuration requirements.

Dimensions and Weight	
Length (A)	47.6" / 121 cm
Width (B)	21" / 53 cm
Height (C)	3U / 13.5 cm
Installed weight (NET max)*	199 lbs / 90 kg
Packaged weight (GROSS max)*	203 lbs / 92 kg
Packaged Dimensions	L54"/136cm / W25"/64cm / H24"/62cm

Each KUL AI server is supplied pre-integrated and packaged as shown. Complete with accompanying hoses, brackets, rails and other ancillaries required for simple rack integration. Dielectric fluid is provided separately.



Power	
AC Input type and max quantity (A+B)	C14/C20 x 4
AC Input voltage	110-240V AC 1ph
AC Input voltage	50-60Hz
Maximum configured power of R760 + KUL AI (hi-spec config)	2.2 kW (power and cooling redundant)

Cooling Requirements	
TCS Flow rate per enclosure	1.2 US Gal.pm / 4.6 Lpm
Maximum TCS inlet temperature	104 °F / 40 °C
TCS fluid compatibility	PGM / EGM / water + inhibitor pack
Max rated TCS system pressure	4.4 bar(g) / 64 PSI(g)
TCS fluid compatibility	5 US Gal. / 20 L

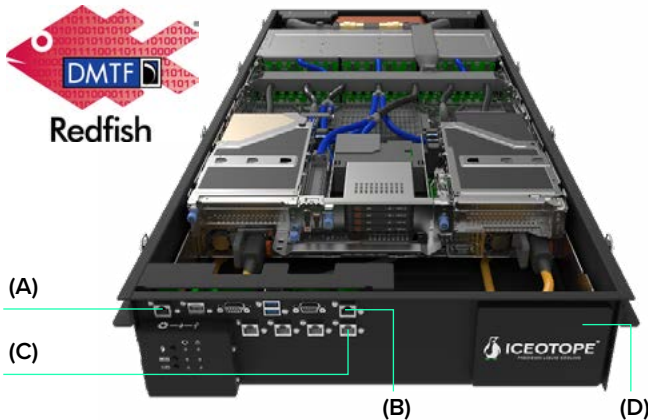


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Technical Data Sheet



Iceotope KUL AI R760



The server integrated in the Iceotope enclosure is connected to the IO ports on the front panel. Iceotope BMC (A) can be interrogated using a standard Redfish Compliant interface.

Monitoring and Management	
KUL AI Ports (A)	1x Gb RJ45 + 1x USB 3.0
Server Basic Ports (B)	1x 1Gb RJ45 + 1x USB2.0 + 1x USB 3.0 + 1xVGA
High Speed Networking Ports (C)(D)	4 x 10Gb RJ45 + 4 x QSFP28 or 4 x SFP28
Monitoring interface options	Redfish web-based interface
Integral server specific monitoring	Complete DELL iDRAC9 functionality
Iceotope Liquid Cooling system specific monitoring	Pump health, pump rpm and power, fluid fill level, temperature, system power monitoring

Any existing DCIM/BMS can use standard commands to run alerting based on Iceotope metrics. Iceotope and Server BMC can also be accessed via the same interface. This simplifies the integration with a DCIM/BMS program.

Enhanced Iceotope Liquid Cooled System Redundancy

Incorporates dual power inlet + 2x enhanced-spec pumps

Enhanced Scalability Package

Dielectric fluid fill level, coolant temps, enhanced pump metrics and reporting

Enhanced Serviceability Package

Removable chassis hoses + slide rails for ease of in-rack servicing

Regulatory Compliance

Iceotope products are stringently engineered in accordance with relevant regional standards. Further detail on request.

Warranty

Iceotope offers a comprehensive three year parts and labour warranty. Further detail on request.

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