

Welcome to our next-generation server room.



Visit zelladc.com and get ready to roll.

ZELLA DC

Reduce your footprint

Reduce the size, cost and complexity of your data centre or server room while expanding your on-site processing power. The outcome is sustainable productivity in every way.



The savings are real.

Less floor space, less noise, less cooling, less energy expended, less downtime. You'll see return on investment in months, not years. Our solutions suit any organisation downsizing their IT footprint.

And it's easy.

Our customers wanted a simple process, so we've made it easy to buy, deploy, install and manage. No need for specialist IT skills, we've done the hard work for you. We've got a decade of experience and leadership in highly secure Edge computing, which gives you the confidence to choose Zella DC.



From the Edge for the Edge

Working in the mining industry for many years we saw first-hand how the environment affected the IT infrastructure used to run the business. What we needed didn't exist. So, ten years ago we came up with a solution literally from the Edge: a remote mining town in Western Australia.

Secure door access

Removable side doors for modulation and growth

Base mounted cooling system
(dual cooling system optional)

Rollers for easy transport

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Micro data centres built for anywhere

Zella DC micro data centres are ready to roll in any situation. We deliver faster processing speed and cybersecurity, in a unit that is equally well-suited to the harshest environments and quietest offices.



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Traditional vs next-generation

In an independent assessment of a client site, a server room was replaced with two Zella DC units. All the existing IT equipment including UPS was transferred directly from existing server racks within the server room into the Zella DC units. The server room was monitored six months before Zella DC took over and six months after.

"We conducted an analysis on one of our sites located out at a regional office in Papua New Guinea. The results were amazing and we noticed a huge difference in power consumption from the old infrastructure to the new Zella DC configuration."

Ferdinand M. Daroya CIO, Kenmore



	ZELLA 12.	ZELLA 25.	ZELLA 38.
User space available	12U	25U	38U
Base mounted switchboard	None	Yes	Yes
Dual Cooling Option	No	Yes	Yes
Height - single cooling	1000mm	1685mm	2275mm
Height - dual cooling	n/a	1790mm	2380mm
Length	1100mm	1100mm	1100mm
Width	685mm	685mm	685mm
Weight	90kgs	225kgs	308kgs
Active cooling	2.1kw	4.6kw	4.6kw



Secure your productivity long-term

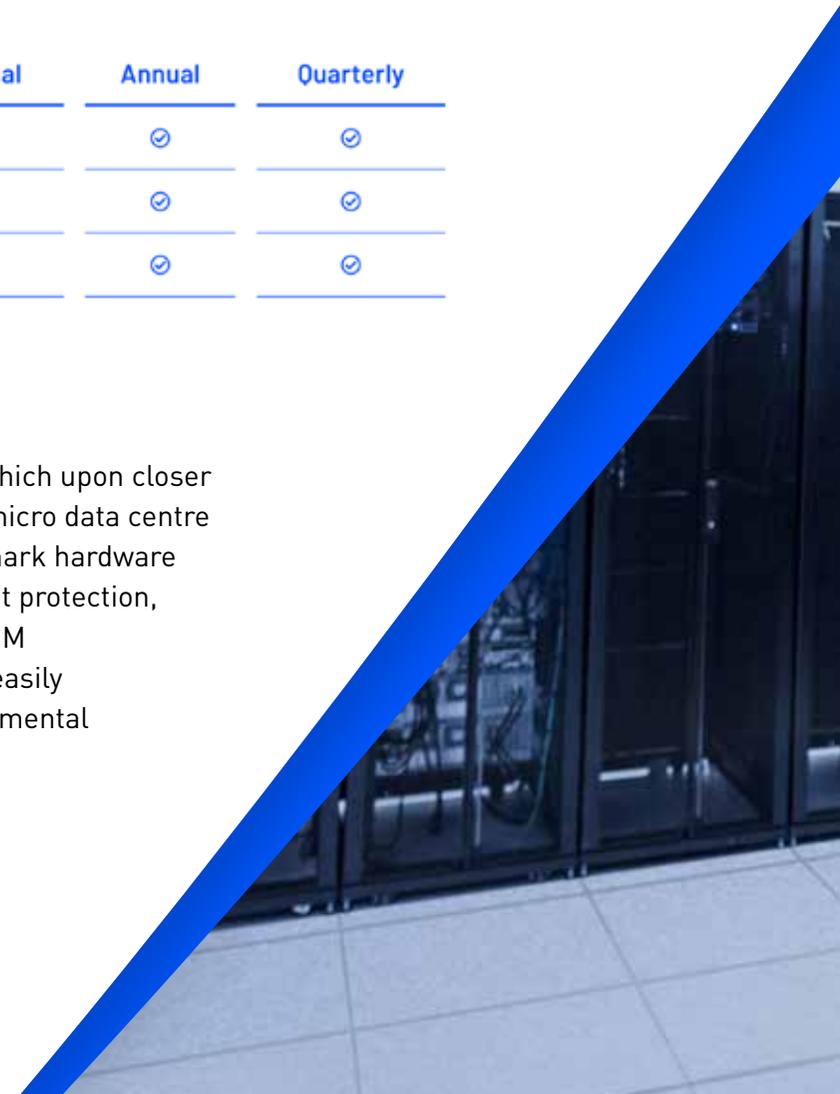
Zella DC clients have typically realised that alternatives exist to building more 3 x 3 dedicated server rooms. Instead organisations with many satellite offices around the world simply install Zella DC micro data centres in each location. The result is one standardised solution centralising the management of data, while decentralising the processing at the very Edge. This comes with a reliable maintenance and support options to protect your uptime long-term:



Solution Differences	Bi-Annual	Annual	Quarterly
Scheduled maintenance call with technician	☑	☑	☑
Maintenance call report sent after call	☑	☑	☑
Health reports downloaded during call	☑	☑	☑

Take a virtual tour through our solution.

Many vendors purport to provide micro data centers, which upon closer inspection are often just a rack with a fan. A Zella DC micro data centre however is far more than just a box. We merge benchmark hardware (housing, data cabling, electricals, fire and environment protection, mechanics, racking and security) and cutting-edge DCIM infrastructure management software. This software is easily accessed by smart phone and delivers not only environmental protections but also the highest level of encryptions are in place for improved cyber security.



We make the Edge easy

Our mission is to make the Edge easy for everyone. To do this we have developed an intuitive solution, but also one that is robust enough that it performs exactly the same way as a traditional data center. Our solution is managed and maintained by almost any employee, without the need for specialists. During installation, only an electrician and an air conditioner installer are needed.

Our solutions are:

- ✓ **Easy** to select, deploy, manage, expand and service.
- ✓ **Robust** and able to withstand the harshest conditions.
- ✓ **Fully-contained** and complete with software.
- ✓ **Cost-effective** in terms of up-front and on-going costs.
- ✓ **Scalable** - grow your data centre with your business.
- ✓ **Secure** from physical and cyber attacks
- ✓ **Reliable** eliminating downtime from overheating etc.
- ✓ **Vendor agnostic** approach to hardware and software.

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Meet the uptime experts

A decade ago Zella DC pioneered the micro data centre. Since then, our next-generation server rooms have been proven to work in the harshest environments on earth. The result is a vendor-agnostic approach to software, hardware manufactured to global standards, and partners across five continents.

Summary of solution benefits:

Uptime and space usage



Cyber and physical security



Risk from human error



Energy and noise efficiency



Self-learning and autonomy



Data sovereignty



Scalability as needed



Local storage/ fast processing



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