



HIVECELL

edge computing solved

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BUSINESS PROBLEM

It is impossible to move all the edge data to the cloud for processing. Instead, we must process raw data as close to the source as possible and push only business relevant data to the cloud.

Hivecell enables Global 500 companies to deploy and maintain software at the EDGE without an army of technicians.

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REASONS FOR EDGE COMPUTING

- > BANDWIDTH
- > COST
- > RELIABILITY
- > SECURITY
- > COMPLIANCE
- > LATENCY

POWER +
SIZE +
COOLING

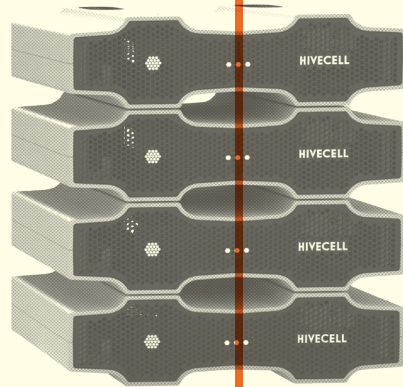


Hivecell is a small, powerful, low energy server designed for containers and machine learning models.

You can deploy it outside of the network closet at the true edge.

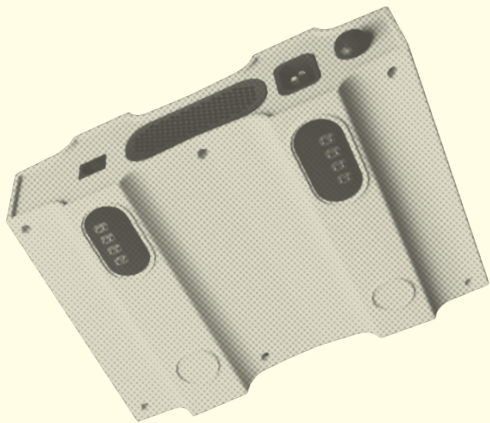
To scale your compute power,
just place another Hivecell
on the stack. No backplane,
chassis or routers needed.

The network and power connect
automatically without wires.



SCALABILITY

FAULT TOLERANCE



Hivecell is designed for distributed computing at the edge.

Remove a Hivecell from the stack and it immediately switches to battery power and wireless networking.

Install or upgrade Kubernetes, Kafka and other distributed software frameworks on a stack of Hivecells remotely with a single click of a button.

Manage and monitor clusters of Hivecells in thousands of locations from one screen.

The screenshot displays the HIVECELL dashboard interface. At the top, the HIVECELL logo is visible. The main content area is divided into two sections: HIVES and HIVECELLS. The HIVES section shows a table with columns for Hive ID, status, and type. The HIVECELLS section shows a table with columns for Hivecell ID, status, and type. A sidebar on the left contains navigation icons for home, refresh, search, document, and help. A vertical orange bar on the right side of the dashboard contains the text 'MANAGEABILITY'.

HIVES		Filter by ▾	CREATE HIVE
HIVE 0 (Not Hivecells)			SPARK
HIVE 1 (5 Hivecells)		Instaling 75%	SPARK
• Hivecettll ID - 158568-1			My hivecell
• Hivecell ID - 158568-2			My hivecell
• Hivecell ID - 158568-3			Shared with me
• Hivecell ID - 158568-4			N/A
> HIVE 3 (3 Hivecells)		Shared to John	KAFKA
3 items			

HIVECELLS		Filter by Name ▾	ADD HIVELL
• Hivecell ID - 158568-1			My hivecell
• Hivecell ID - 158568-2			My hivecell
• Hivecell ID - 158568-3			Shared with me
• Hivecell ID - 158568-4			N/A
• Hivecell ID - 158568-5			Shared with John
• Hivecell ID - 158568-6			My hivecell
Hivecell ID - 158568-7			On the way

MANAGEABILITY



SPECIFICATION

- › 64-bit ARMv8 Processing
- › 6 CPU cores, 2.4GHz
- › 256 GPU CUDA cores
- › 8GB RAM LPDDR4
- › 500GB SSD
- › 1G Ethernet
- › Wifi IEEE 802.11a/b/g/n/ac
- › Size 220x175x65 mm (8.5x7.0x2.5 in)
- › Weight 1.36 kg (3.0 lbs)