

Renting or Buying Your Cloud Infrastructure:

What is the Better Deal for Your Business?

Public cloud providers charge a premium in exchange for immediate access to IOPs, storage capacity, virtual CPU, and other services. This is fundamentally how they make a profit — and it's the key driver behind your costs as you scale your business up in their environment.

In the beginning, renting a cloud infrastructure is cheaper than buying it outright. But if your business is on a growth trajectory or you need more security with less maintenance, owning your cloud infrastructure is the best deal, especially in the long run.

Here is a quick rundown of the numbers of 3 big public cloud providers vs Lightcrest's hybrid cloud platform that converges cloud infrastructure costs to zero — Kahu.

Kahu Model	Role	vCPU	RAM	Storage (GB)
K1	General Purpose	48	256	3200
K3	Dense Storage	48	256	19200

Kahu Model	Kahu 24-Mo OpEx	Kahu 24-Mo CapEx	Kahu Post Cost Cliff (Months 25+)	Kahu 36-Mo OpEx	Kahu 36-Mo CapEx	Kahu Post Cost Cliff (Months 37+)
K1	\$969.45	\$925.39	\$250.00	\$925.39	\$968.18	\$250.00
K3	\$2,686.39	\$2,874.66	\$500.00	\$2,874.66	\$2,686.39	\$500.00

Kahu vs. AWS

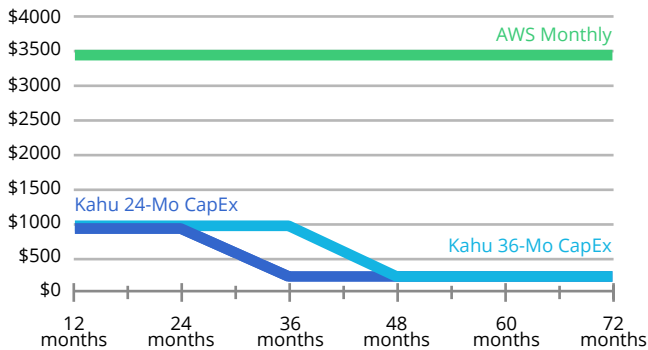
General Purpose

	12 months	24 months	36 months	48 months	60 months	72 months
Kahu 24-Mo CapEx	\$925.39	\$925.39	\$250.00	\$250.00	\$250.00	\$250.00
Kahu 36-Mo CapEx	\$968.18	\$968.18	\$968.18	\$250.00	\$250.00	\$250.00
AWS Monthly	\$3,466.30	\$3,466.30	\$3,466.30	\$3,466.30	\$3,466.30	\$3,466.30

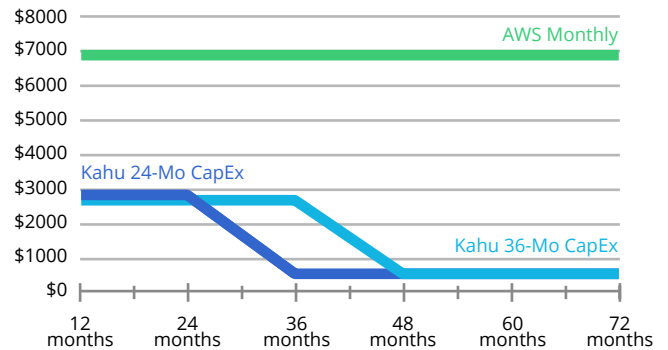
High-Storage

	12 months	24 months	36 months	48 months	60 months	72 months
Kahu 24-Mo CapEx	\$2,874.66	\$2,874.66	\$500.00	\$500.00	\$500.00	\$500.00
Kahu 36-Mo CapEx	\$2,686.39	\$2,686.39	\$2,686.39	\$500.00	\$500.00	\$500.00
AWS Monthly	\$6,986.30	\$6,986.30	\$6,986.30	\$6,986.30	\$6,986.30	\$6,986.30

General Purpose

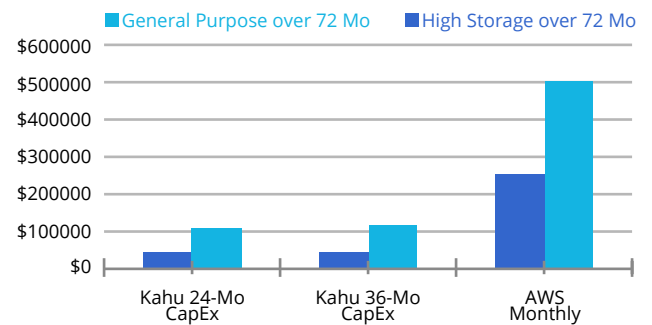


High-Storage



Total Cost

Provider + Model	General Purpose over 72 Mo	High Storage over 72 Mo
Kahu 24-Mo CapEx	\$42,366.00	\$110,867.28
Kahu 36-Mo CapEx	\$43,854.48	\$114,710.04
AWS Monthly	\$249,573.60	\$503,013.60



Kahu vs. Microsoft Azure

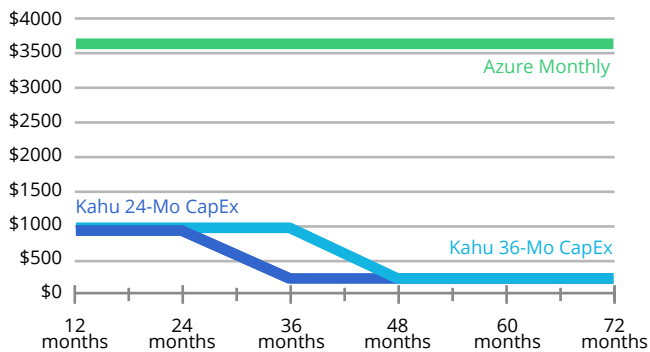
General Purpose

	12 months	24 months	36 months	48 months	60 months	72 months
Kahu 24-Mo CapEx	\$925.39	\$925.39	\$250.00	\$250.00	\$250.00	\$250.00
Kahu 36-Mo CapEx	\$968.18	\$968.18	\$968.18	\$250.00	\$250.00	\$250.00
Azure Monthly	\$3,593.20	\$3,593.20	\$3,593.20	\$3,593.20	\$3,593.20	\$3,593.20

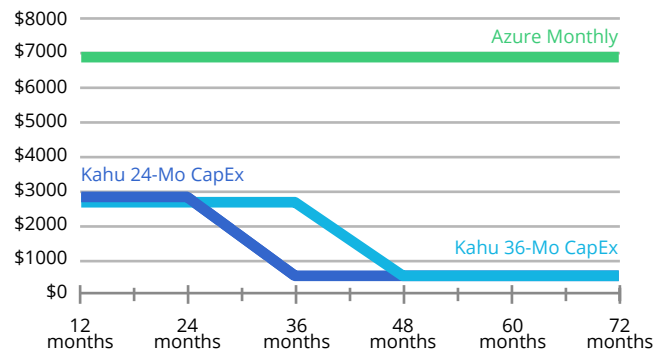
High-Storage

	12 months	24 months	36 months	48 months	60 months	72 months
Kahu 24-Mo CapEx	\$2,874.66	\$2,874.66	\$500.00	\$500.00	\$500.00	\$500.00
Kahu 36-Mo CapEx	\$2,686.39	\$2,686.39	\$2,686.39	\$500.00	\$500.00	\$500.00
Azure Monthly	\$6,986.30	\$6,986.30	\$6,986.30	\$6,986.30	\$6,986.30	\$6,986.30

General Purpose

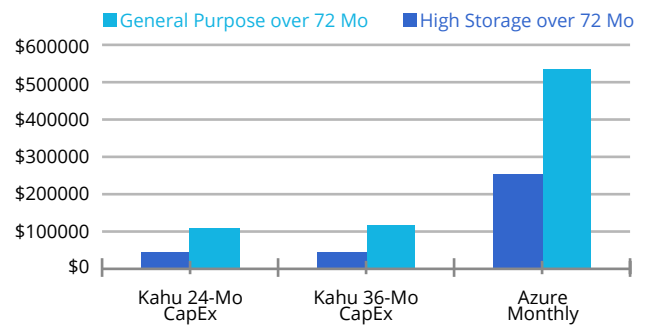


High-Storage



Total Cost

Provider + Model	General Purpose over 72 Mo	High Storage over 72 Mo
Kahu 24-Mo CapEx	\$42,366.00	\$110,867.28
Kahu 36-Mo CapEx	\$43,854.48	\$114,710.04
Azure Monthly	\$258,710.40	\$537,494.40



Kahu vs. Google Cloud

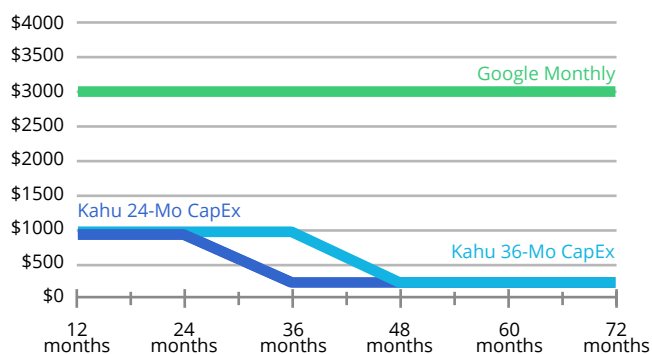
General Purpose

	12 months	24 months	36 months	48 months	60 months	72 months
Kahu 24-Mo CapEx	\$925.39	\$925.39	\$250.00	\$250.00	\$250.00	\$250.00
Kahu 36-Mo CapEx	\$968.18	\$968.18	\$968.18	\$250.00	\$250.00	\$250.00
Google Monthly	\$2,880.00	\$2,880.00	\$2,880.00	\$2,880.00	\$2,880.00	\$2,880.00

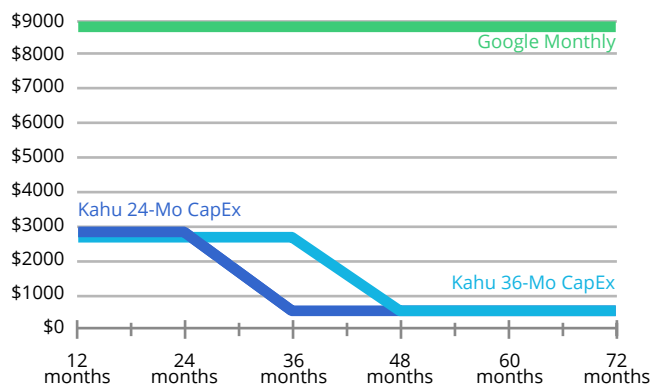
High-Storage

	12 months	24 months	36 months	48 months	60 months	72 months
Kahu 24-Mo CapEx	\$2,874.66	\$2,874.66	\$500.00	\$500.00	\$500.00	\$500.00
Kahu 36-Mo CapEx	\$2,686.39	\$2,686.39	\$2,686.39	\$500.00	\$500.00	\$500.00
Google Monthly	\$8,864.00	\$8,864.00	\$8,864.00	\$8,864.00	\$8,864.00	\$8,864.00

General Purpose



High-Storage



Total Cost

Provider + Model	General Purpose over 72 Mo	High Storage over 72 Mo
Kahu 24-Mo CapEx	\$42,366.00	\$110,867.28
Kahu 36-Mo CapEx	\$43,854.48	\$114,710.04
Google Monthly	\$207,360.00	\$638,208.00

