



**AI LEADERSHIP
FORUM**

RIDING THE 100FT WAVE OF AI INFRA

PRODUCED BY
**IT BRAND
PULSE**

Why CXL[®] Matters

Endless Memory with CXL[®]

Sep 30 | Oct 28 | Dec 2 | Jan 13



Why CXL Matters



Higher **memory capacity** and lower **memory costs** are two of the biggest needs in AI infrastructure today.

CXL addresses **both**.

GPU Memory Increases 3.6X

GPU Memory / GPU
3.6X

GPU Memory / Rack
20 TB

GPU + CPU Memory / Rack
37 TB

H100
80GB

GB300
288GB

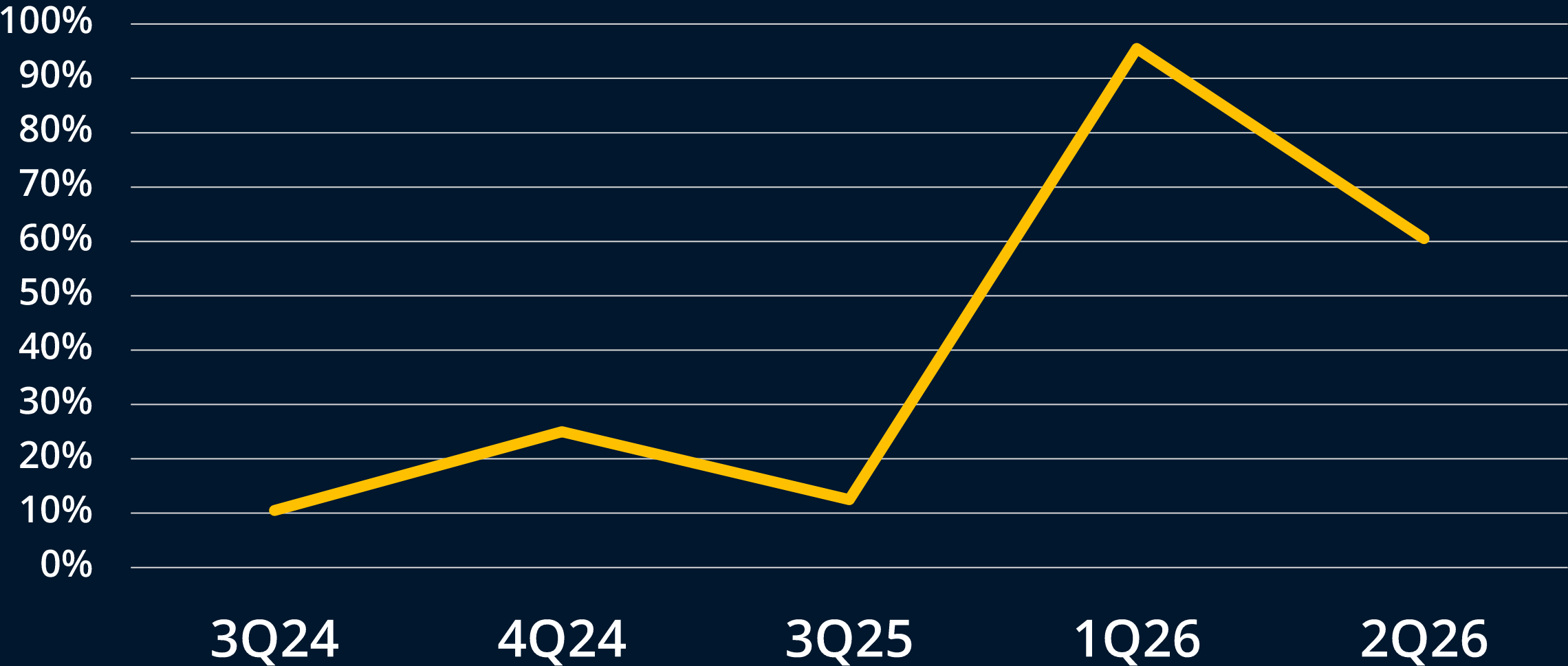
HBM in 1 GB300
NVL72 Rack

20TB HBM
17TB DRAM



DRAM Prices Increase 5.67X

Percent Price Increase for High-Capacity RDIMMs



Memory Worth it's Weight in Gold

\$3,512.99

Samsung 64 GB
DDR5-5600
RDIMM

\$3,546.59

Same weight
in 14K gold



Memory Dominates CSP CapEx

2026
47%
DRAM + NAND share
of major CSP CapEx

2027
68%
DRAM + NAND share
of major CSP CapEx

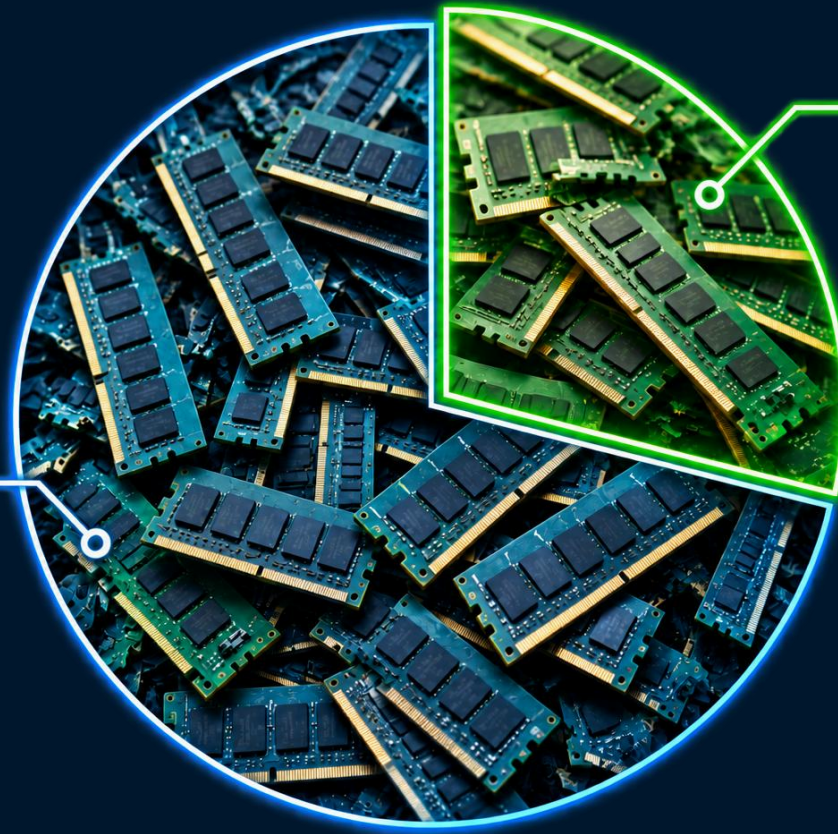


The DDR4 Reuse Opportunity

\$86 to \$258B in new DDR5 at \$10–\$30/GB, if DDR4 not reused

24.5 EB
Total

511 million DDR4
memory modules



8.6 EB
Reusable

179 million DDR4
memory modules



AI LEADERSHIP FORUM

PRODUCED BY

ITBRND
PULSE