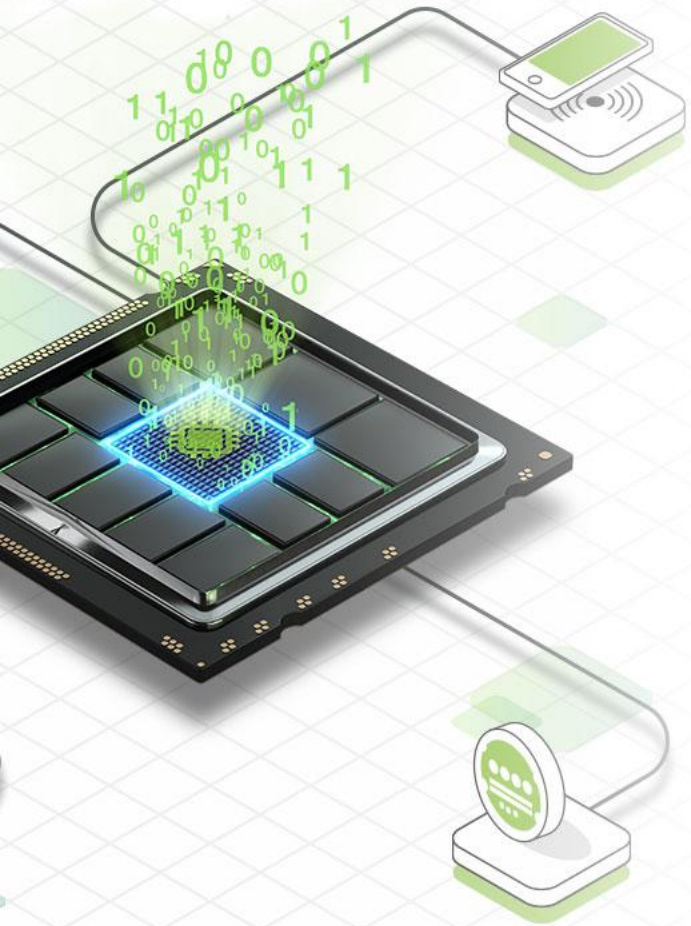
Weebitnano
THE NEXT NVM IS HERE

Investor Update

August 2026



Introduction

Weebitnano
THE NEXT NVM IS HERE

Weebit Overview: Leading Vendor of ReRAM IP

Advanced Non-Volatile Memory (NVM) Now Entering Production

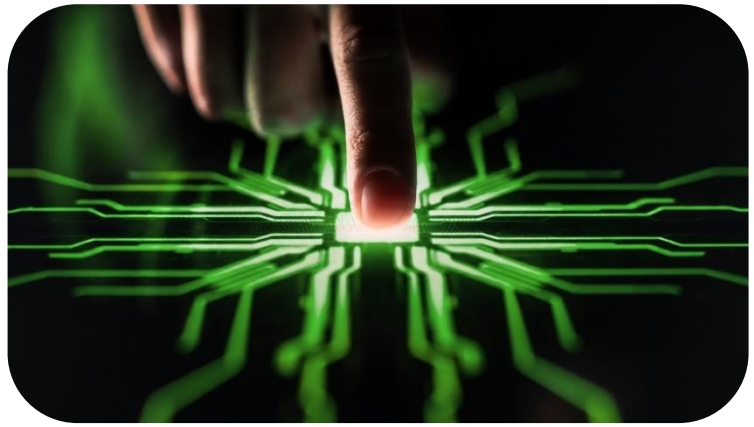
Founded: 2015

Located: Israel, France & US

Only independent provider of qualified ReRAM IP

Proven, protected technology

Fully qualified per JEDEC & AEC-Q100 standards; Available for chip designers >100 patents/applications



Market opportunity

Meeting growing demand for embedded NVM and AI computing

Multiple commercial deals

Including **tier-1 IDMs TI & onsemi**; Expanded deals with existing customers; Engagements with >20 foundries, IDMs, product companies

Profitable business model

Scalable, high-margin **IP licensing** to semiconductor companies & fabs

Financial strength / execution

Strong balance sheet supporting long-term growth; FY26 revenue expectation 3x FY25

ASX: WBT

S&P/ASX 300

MSCI Global Small Cap Index

Deep expertise

- Experts in Device, Process, Analog Design, and Digital Design & Algorithms
- >70 employees (**~90% engineers/ scientists**; ~20 PhDs)
- R&D partner: **CEA-Leti**, a leading microelectronics research institute

Weebitnano
THE NEXT NVM IS HERE

Strong and Experienced Board and Management Team

Coby Hanoch
CEO

David (Dadi) Perlmutter
CHAIRMAN

Anne Templeman-Jones
DEPUTY CHAIR

Atiq Raza
NON-EXEC. DIRECTOR

Yoav Nissan-Cohen
NON-EXEC. DIRECTOR

Naomi Simson
NON-EXEC. DIRECTOR

Ashley Krongold
NON-EXEC. DIRECTOR

Alla Felder
CFO

Ishai Naveh
CTO

Ilan Sever
CHIEF MEMORY ARCHITECT

Lilach Zinger
VP OPERATIONS

Issachar Ohana
CRO

Eran Briman
VP MARKETING & BUSINESS DEV.

Gideon Intrater
VP SYSTEMS & AI

Raz Reshef
VP DESIGN R&D

Weebitnano
THE NEXT NVM IS HERE

A Brief History of Embedded Non-Volatile Memory (NVM)

~2010
Flash Scaling Issues Known

FeRAM
MRAM
CBRAM
ReRAM
PCM
3Dxpoint
Optane

Too expensive; Hard to implement; Exotic materials

~2020
Choices Narrow

MRAM
Magnetic Issues

ReRAM
In Production; Vendors Shake Out

Today
ReRAM is Chosen Flash Replacement

NVM

IMC

Alternatives Emerge

MRAM
Mass Production

ReRAM
Multiple Companies Developing

2024
Superior Tech Wins

TSMC refocuses roadmap MRAM → ReRAM

Weebitnano
THE NEXT NVM IS HERE

The only Independent Qualified ReRAM Supplier

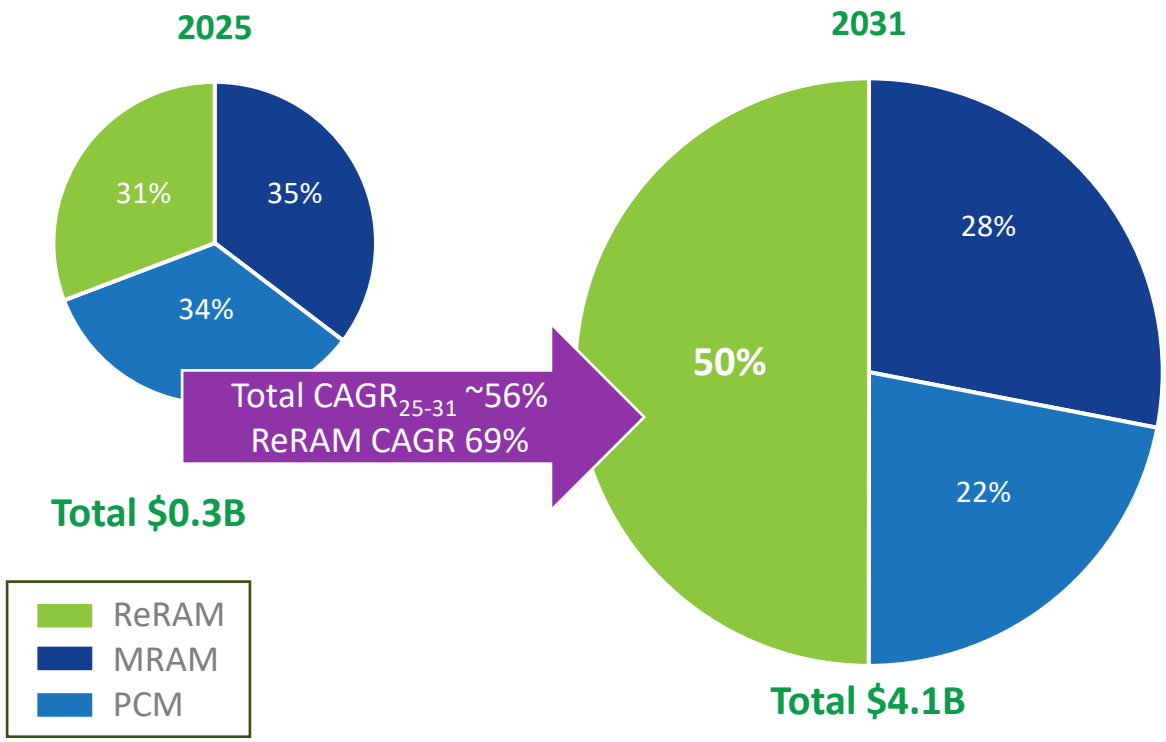
Future
ReRAM: NVM & In-Memory Compute Engine

Weebitnano
THE NEXT NVM IS HERE

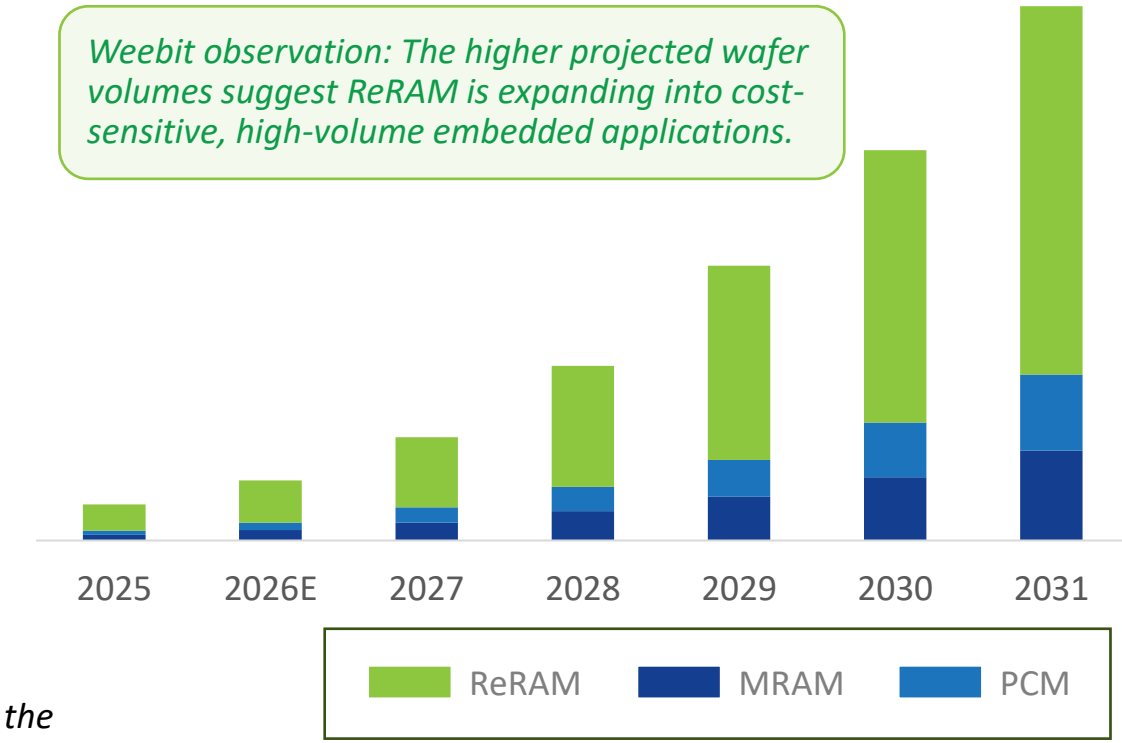
The Rise of ReRAM

ReRAM outpaces market growth, expanding to 50% share by 2031

Embedded Emerging NVM Market (in $M)*



Market Volume in # of Eq. 12'' Wafers*



Note: The embedded emerging NVM market size is evaluated based on assumptions of the average chip area occupied by a given memory technology (Yole)

*Source: Emerging Non-Volatile Memory 2026 report, Yole Group

Weebit ReRAM Advantages

Superior to embedded flash across key metrics

MANUFACTURING ADVANTAGE

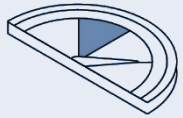
3-4x

Lower added wafer cost
vs. embedded flash

2-mask adder

(vs. ~10)

Shorter cycle time;
fewer manufacturing steps



PERFORMANCE ADVANTAGE

10x-100x

Faster program time than embedded flash

Bit/byte addressable
No sector erase

>10x

Better endurance vs. embedded flash

Demo 100K-1M
write cycles

~100x

More energy efficient vs. embedded flash

Low voltage, low current
write operations

SCALABILITY & INTEGRATION ADVANTAGE

<28nm

Scales to processes far below limits of flash

Proven @ 28nm and 22nm
Scalable **below**

BEOL[1]

0 interference w/ analog & power devices

Best NVM for PMIC
& mixed-signal

RELIABILITY ADVANTAGE

150°C

Reliable for Automotive designs

Grade-0 conditions
and profiles

~350x

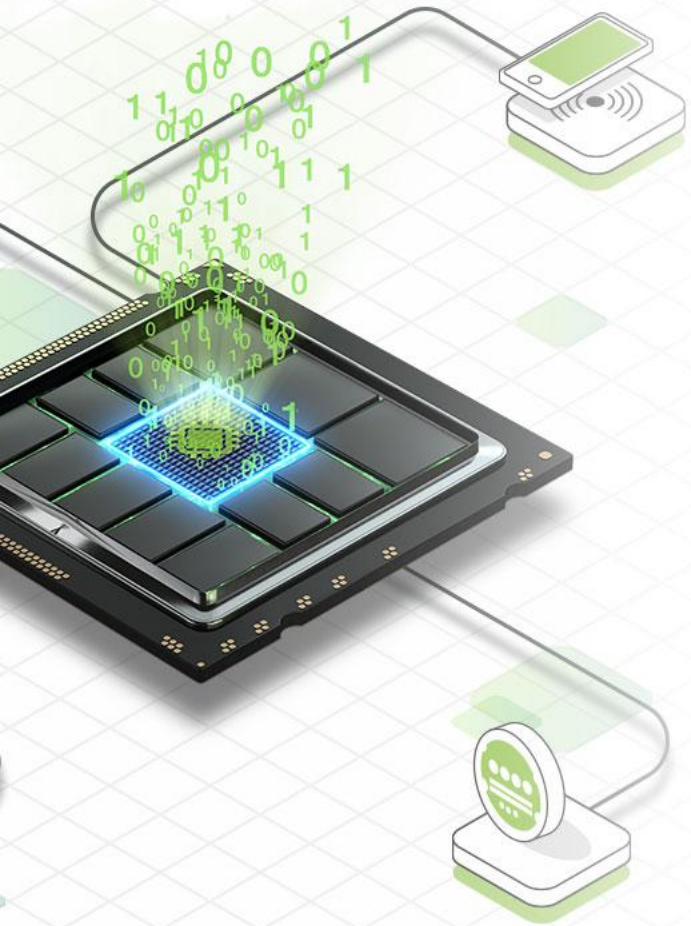
Better radiation tolerance vs. flash[2]

Also tolerant to EMI

Lower cost. Higher performance. Better reliability. Future-proof scalability.

[1] *BEOL = Back-End-Of-Line*
[2] *Refers to ReRAM cell array*

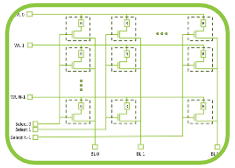
Weebitnano
THE NEXT NVM IS HERE



Recent Achievements

Weebitnano
THE NEXT NVM IS HERE

Recent Highlights



DEC 2025

Achieved technology qualification at **DB HiTek**

DEC 2025

TI licensed Weebit ReRAM for embedded processing in **advanced nodes**

FEB 2026

onsemi test chips **fully functional**; achieving expected performance

MAR 2026

Weebit ReRAM selected for Korean National **In-Memory Compute (IMC)** Program

MAY 2026

Placement + SPP raised a total of **$102m**

JUNE 2026

3 product customers tape-out for production to-date; one already demonstrating a functional prototype

JULY 2026

Expanded licensing agreements with key customers to include additional technologies and products

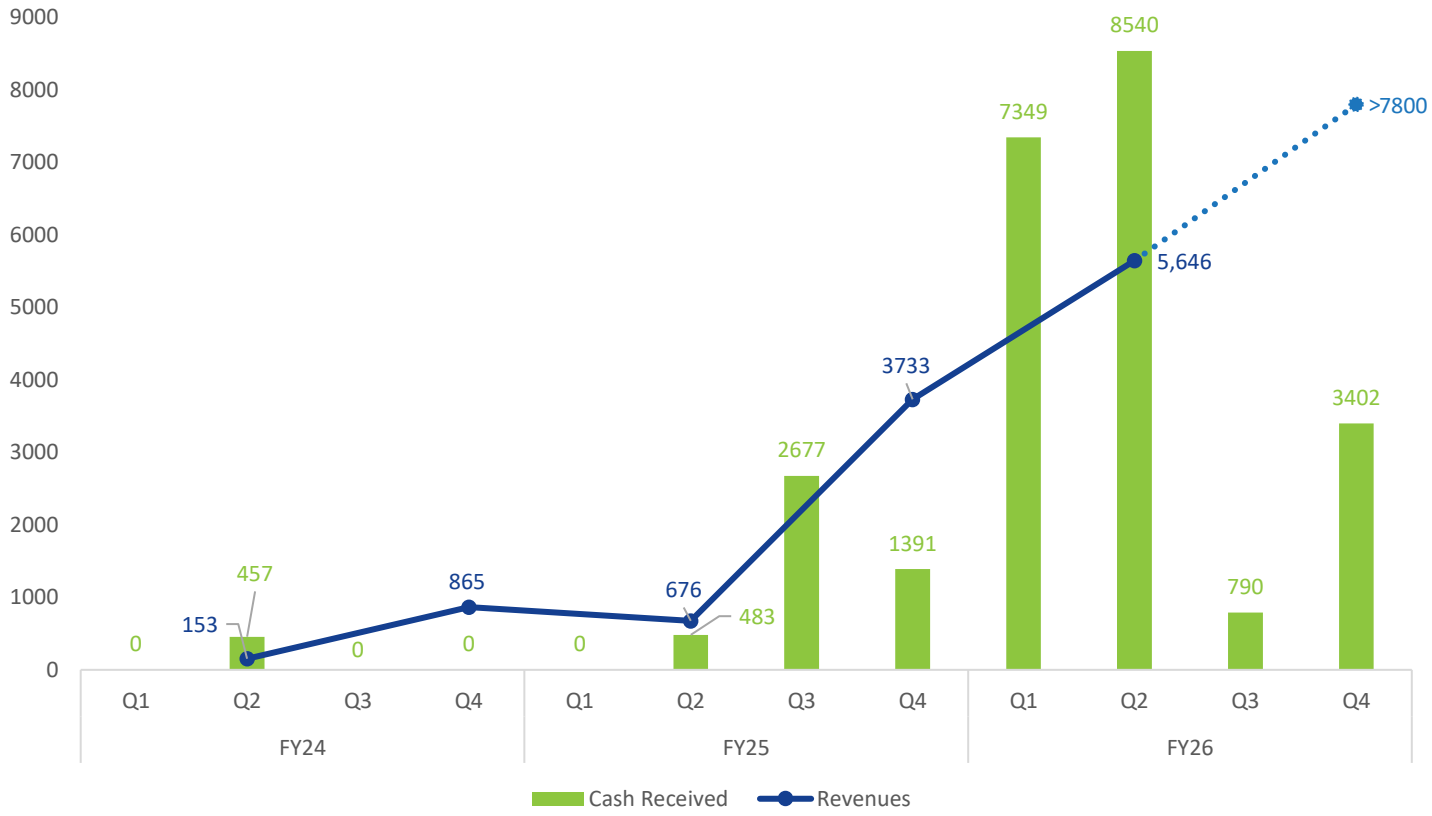
Weebitnano
THE NEXT NVM IS HERE

Significant Growth in Revenue and Cash Receipts

- Quarterly customer receipts of A$3.4 million in Q2 FY26
  - Comprising licensing and NRE (non-recurring engineering) fees
  - Customer receipts are dependent on the timing of license fees and milestone payments
- Well-funded to execute on growth strategy with a strong cash balance of A$167 million
- FY26 guidance upgraded to A$13.5 million
- Weebit expects revenues to grow over FY27
  - New licensing and design agreements
  - Expansion of existing agreements

Note: Past revenues and cash income do not necessarily reflect on the future

Weebit Past Cash Inflows and Revenues (Thousands A$)



Weebitnano
THE NEXT NVM IS HERE

Three Product Customer Tape-outs

TAPE-OUT:
The milestone where a completed chip design is released for semiconductor manufacturing

Three product customers have successfully taped out chips incorporating Weebit ReRAM to-date

First silicon received from fab; initial testing confirms chip is fully functional and able to execute software

PRODUCTION SILICON PROVEN

Characterization and qualification are expected to take approximately 12-18 months before commercial production

Applications include smart battery management systems (BMS), post-quantum security (PQS), and microcontrollers (MCUs)

Weebitnano
THE NEXT NVM IS HERE

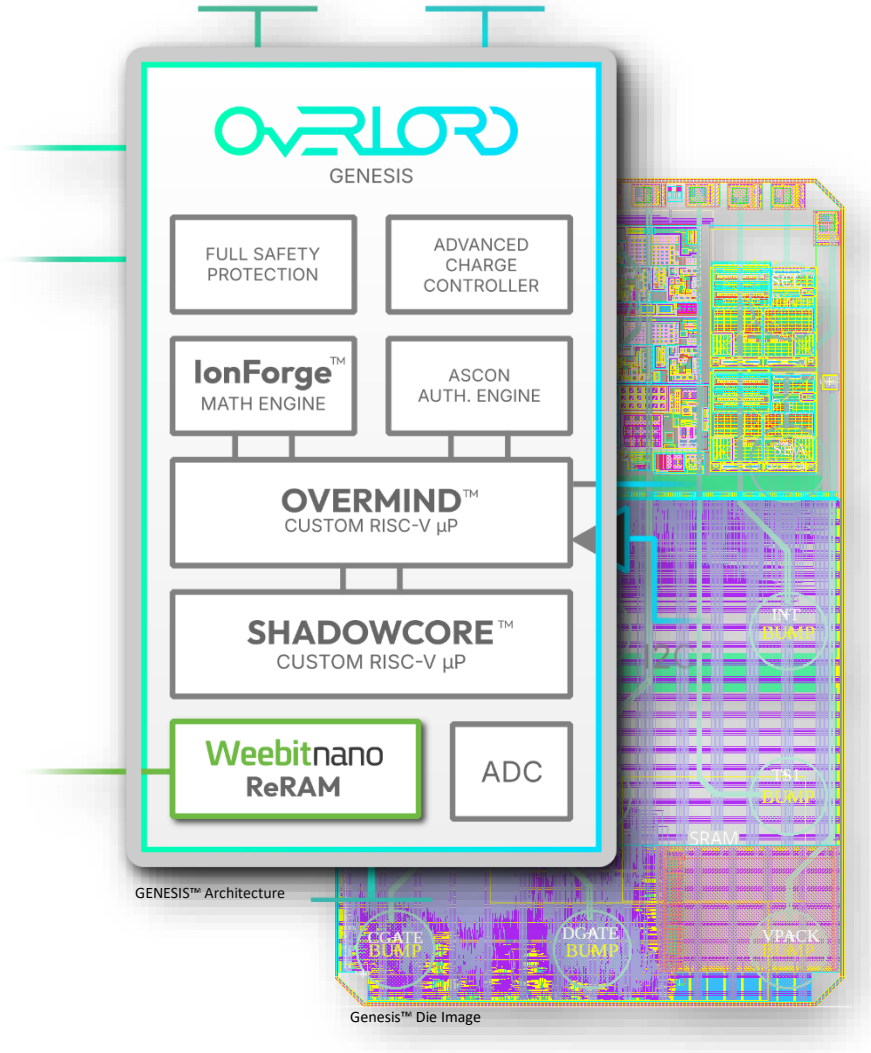
Weebit ReRAM Powering Edge-AI Battery Intelligence

Overlord Labs integrates Weebit ReRAM into its
Battery Intelligence Platform

- **GENESIS™** | Silicon × Algorithm Architecture for intelligent battery management
  - Purpose-built IC for battery-powered **Edge AI devices**
  - Continuous **battery sensing**, **modeling** & **optimization**
  - Optimized for battery **performance**, **safety** & **cycle life**
- Foundry: DB HiTek
- First-Silicon: **July 2026**

Why Weebit ReRAM for Genesis™

- Low voltage, ultra-low power embedded NVM
- High-density non-volatile memory
- Bit-addressable architecture
- Higher efficiency and reliability



GENESIS™ Architecture

Genesis™ Die Image

Weebitnano
THE NEXT NVM IS HERE

Existing Customers Are Expanding Their Engagement

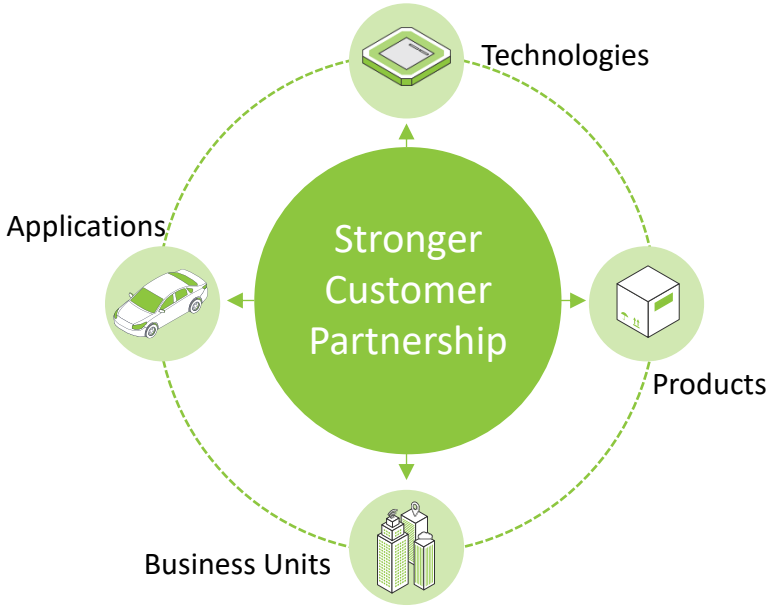
Growing trust. Broader adoption. Greater long-term value.

> Weebit Nano has **expanded its licensing agreements** with key customers to include additional technologies, products and domains.
>
> —Weebit 4Q26 report

The Journey to Expanded Engagement

- Initial License
- Technology Transfer
- Customer Confidence
- Expanded Engagement

Potential Expansion

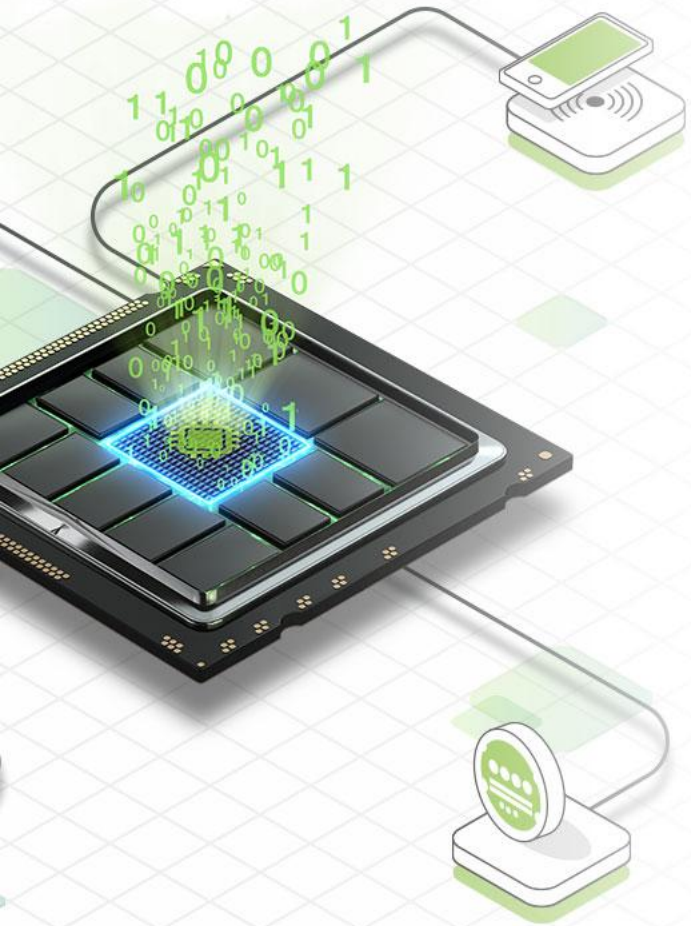


The Takeaway

- Strong Customer Endorsement
- Larger Opportunities
- Increased Revenue Potential
- Long-Term Relationships

Expanding customer engagement is a powerful indicator of the value of Weebit ReRAM

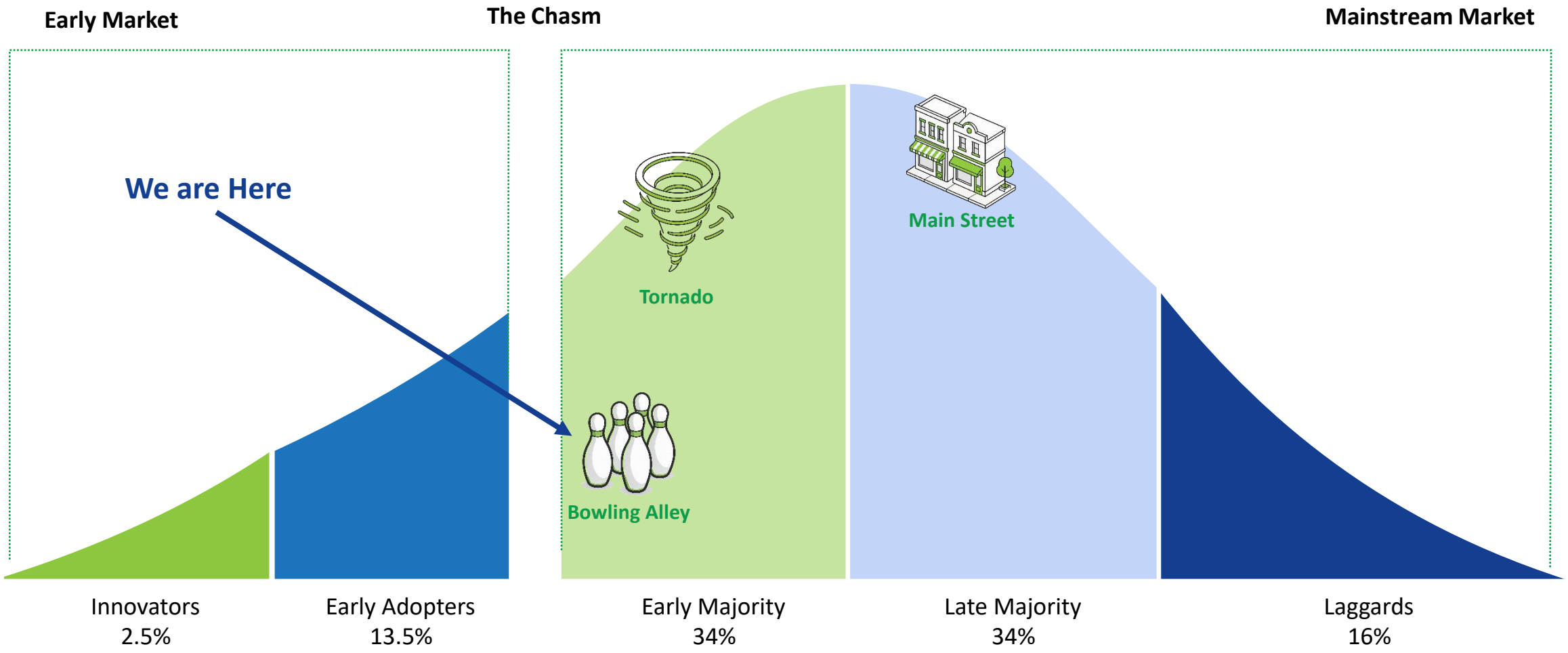
Weebitnano
THE NEXT NVM IS HERE



Opportunities Ahead

Weebitnano
THE NEXT NVM IS HERE

Heading for the Tornado



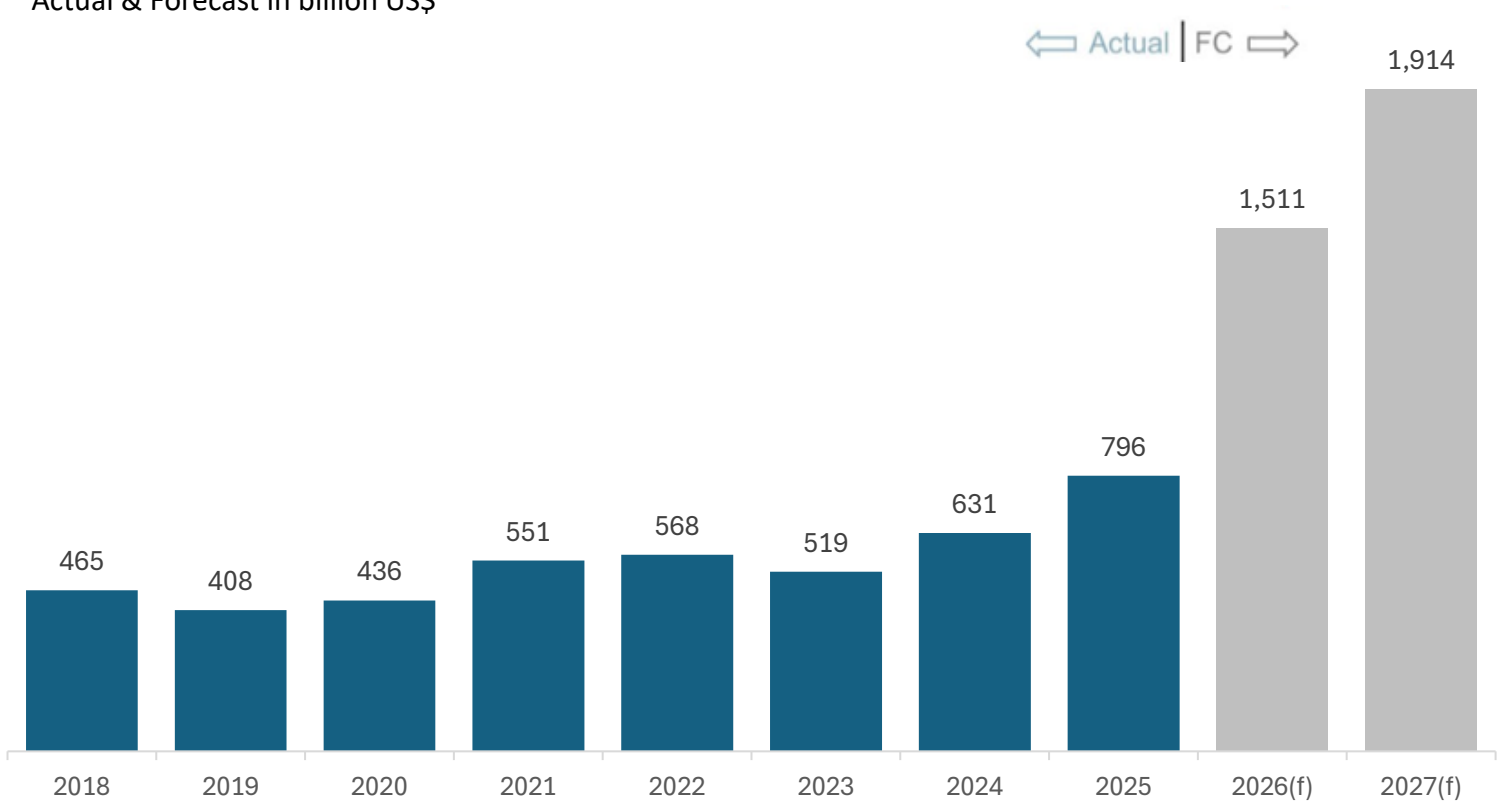
Foundation Diagram courtesy of https://www.ignitionframework.com/crossing-the-chasm-theory-how-to-market-sell-and-improve-your-new-invention/

Weebitnano
THE NEXT NVM IS HERE

Semiconductor Industry to Hit $1 Trillion Four Years Faster Than Expected

Global semiconductor market (billion US$)

Actual & Forecast in billion US$



Source: https://www.wsts.org/esraCMS/extension/media/f/WST/7618/WSTS_FC-Release-2026-May.pdf

Omdia by informa techtarget

AI drives semiconductor revenues past $1 trillion for the first time in 2026

With this unprecedented growth:

- Foundries prioritize revenue-generating customer projects
- New technologies require expensive fab resources (eng., wafers, etc.)
- Very limited resources available for new projects / technologies
- Our customers' attention to new technologies is limited **temporarily**

Weebitnano THE NEXT NVM IS HERE

Strengthening Infrastructure for Rapid Growth

Building the foundation to respond quickly as customer demand accelerates

Strengthen Leadership

Bolstered executive team to support transition to commercial-scale business

Advance ReRAM Technology

Continually improve our ReRAM to widen lead over competing ReRAM technologies

Enhance Tools & Processes

Automation; new procedures and methodologies

Grow Sales Team

Global expansion

Centralise Project Management

And streamlined infrastructure

Reuse for Rapid Response

Building library of template modules to quickly adapt to fab/ fabless needs

Weebitnano
THE NEXT NVM IS HERE

Broadening the ReRAM Leadership Gap

Continuous R&D to maintain a significant, growing gap over ReRAM competition

R&D Priority	Current Market	Weebit Target	Customer Benefit
Higher performance	**>20ns access time**	**<10ns access time**	**Expand applications in MCU market**
Higher endurance	**10K cycles**	**1M cycles**	**Supports demanding automotive and storage workloads**
Automotive capability	**10 yrs @ 105° - 125°C**	**Lifetime @ 150°C 10 yrs @ 175°C**	**Expands automotive, power and industrial opportunities**
Automotive architecture	**2T2R**	**1T1R (~2x smaller)**	**Lower system cost and power consumption**

GOALS:

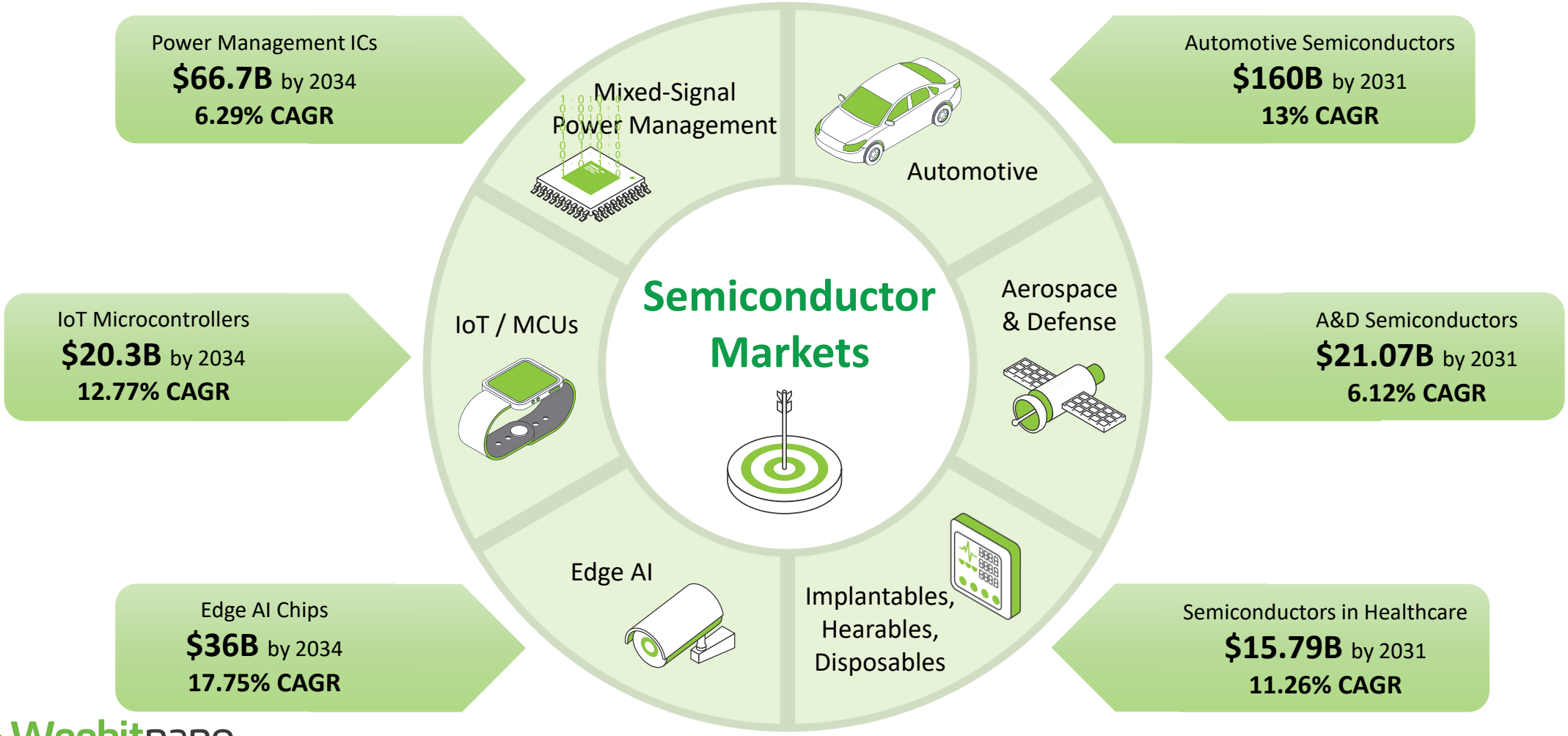
- Extend **technology leadership**
- Accelerate **customer adoption**
- Drive long-term **royalties**

Supported by proceeds from the recent capital raise

Weebitnano
THE NEXT NVM IS HERE

Addressing Fast-Growing Semiconductor Markets

>US$320 Billion TAM in Customer Markets



Weebitnano
THE NEXT NVM IS HERE

Sources: IMARC Group 2026; Yole Group, June 2026, Market Data Forecast July 2026; Mordor Intelligence 2026; Precedence Research July 2026

Weebit ReRAM: A Foundation for Memory + Compute

One technology. Multiple architectures. Broad opportunity.

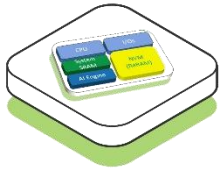
TODAY: Embedded ReRAM

- Commercially available
- Qualified on multiple platforms
- Growing customer adoption
- Generating revenues

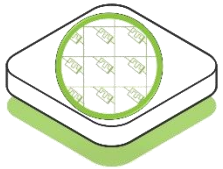
EMERGING: Memory Centric Computing

- Convergence of memory and compute is transforming AI architectures
- A growing opportunity for ReRAM

NEAR-MEMORY COMPUTE



IN-MEMORY COMPUTE



NEUROMORPHIC COMPUTE

Why ReRAM?

	Storage	Analog Compute (IMC)	Scalability
Flash	+	+	--
MRAM	+	--	+
ReRAM	+	+	+

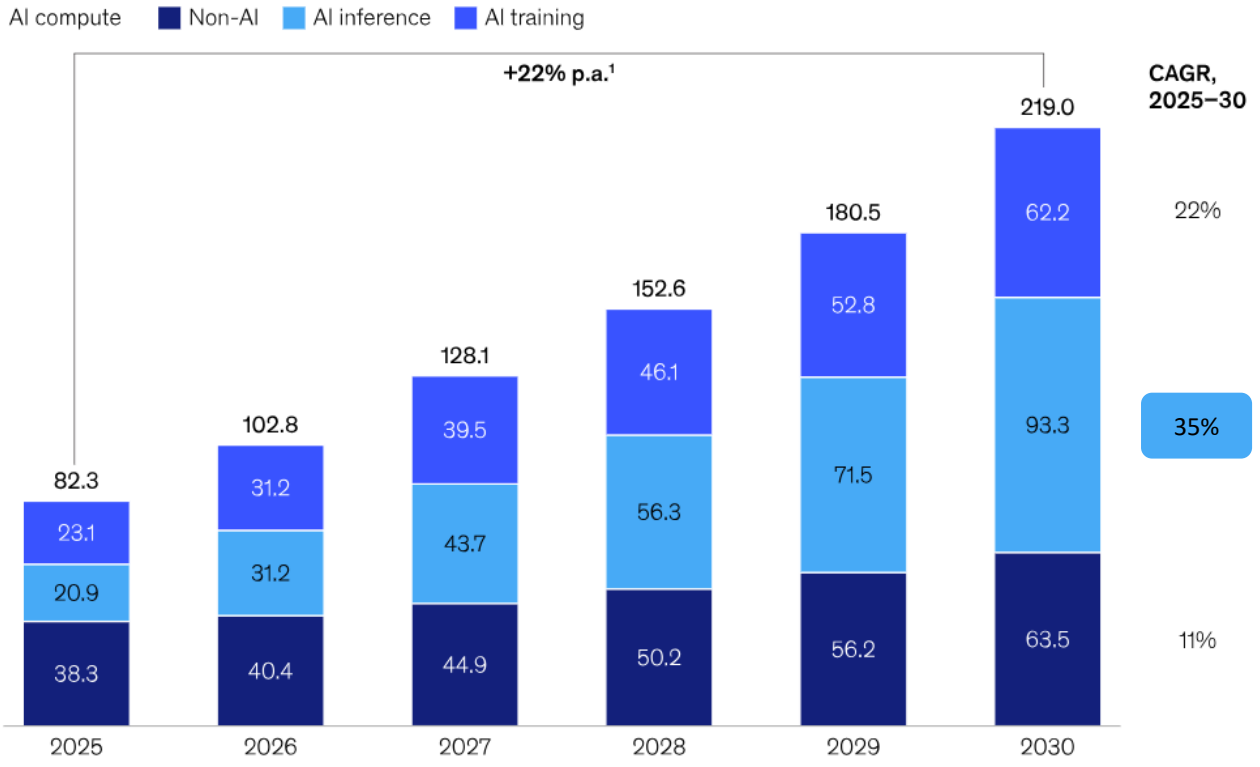
The future of AI computing requires memory that is manufacturable, scalable, low-cost, and IMC-ready. Weebit ReRAM is one of the few emerging NVM technologies approaching commercial production.

Weebitnano
THE NEXT NVM IS HERE

The Next Phase of AI is About Inference

Inference workloads could make up more than 40% of data center demand in 2030

Global data center demand by workload, 2025-30, gigawatts



Note: Includes all provider types.
[1]Per annum.
Source: McKinsey Data Center Demand Model

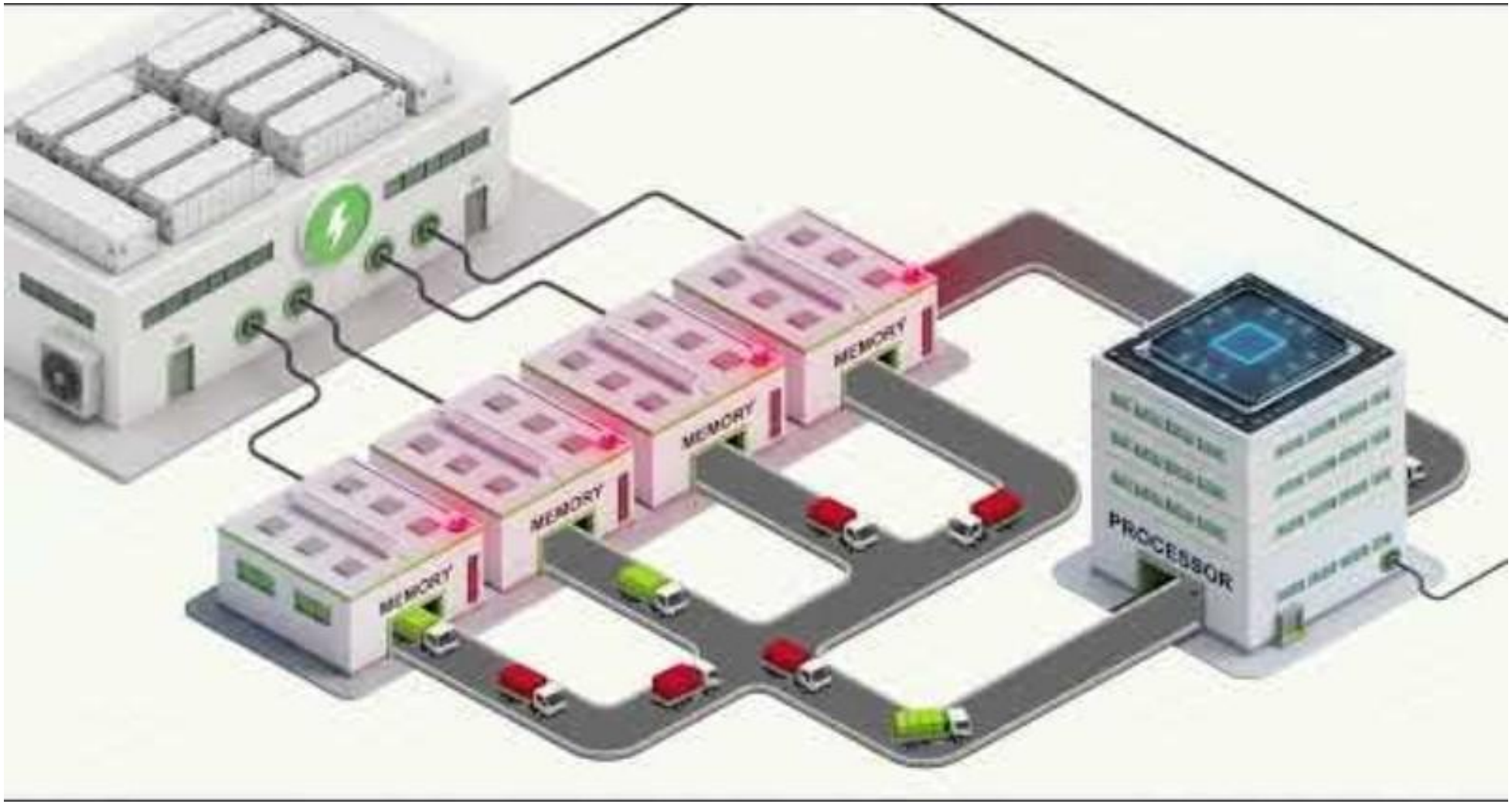
AI is moving from a training-centric to an inference-driven deployment model

- Hyperscale datacenters
- Industrial systems
- Vehicles
- Edge devices
- Physical AI systems

- Energy efficiency and response time are critical design constraints
- Pressure on memory architectures is creating new opportunities for advanced NVM technologies

Weebitnano
THE NEXT NVM IS HERE

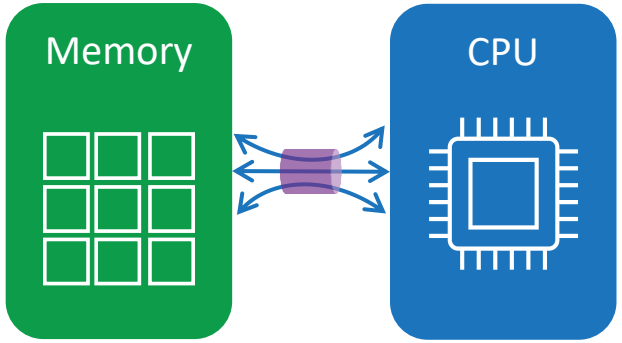
In-Memory Computing: A New Way to Process Data



Video: https://youtu.be/lwAn7ky_qCg

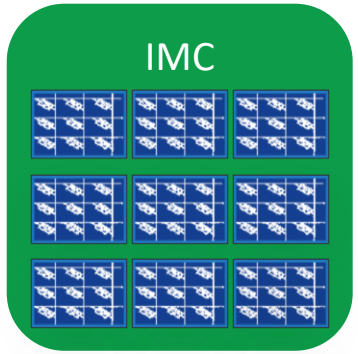
ReRAM: Scalable NVM for Future In-Memory AI Computing

Traditional Architectures: AI Compute Bottleneck



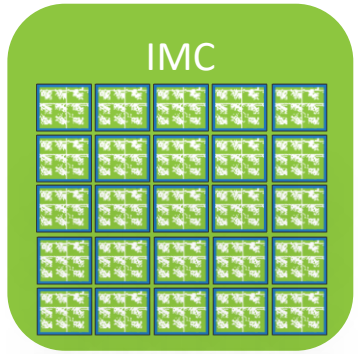
- **Data movement consumes most power**
- Limits performance
- Moving to Near Memory Compute where memory and compute are on same chip

Initial IMC Implementations Show Feasibility; Not Scalability



- Analog matrix multiplication in flash memory crossbars
- Enables major energy efficiency gains
- Limitations:
  - **Does not scale** to advanced nodes
  - **High programming voltage**
  - **Slow** updates

ReRAM Enables IMC Better Aligned with AI Workloads



- **Highly scalable** crossbar arrays
- **Fast** write speeds
- **Low voltage** operation
- **Multi-level** analog weights
- Potential to support **inference in both data centers and edge devices**

Weebitnano
THE NEXT NVM IS HERE

Recent Customer Evaluation: Weebit ReRAM for IMC

A U.S. based developer of radiation-tolerant AI hardware evaluated a next-generation AI accelerator using Weebit ReRAM for IMC research.*

>80x
Lower power consumption
vs GPU

~280x
Higher compute efficiency
than FPGA

~100x
Lower inference latency
than GPU

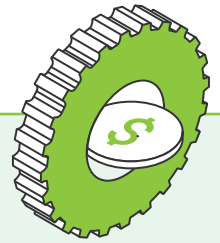
Read the article

**GPU: NVIDIA GeForce RTX 4090; FPGA: Xilinx ZCU104 (Zynq UltraScale+); IMC system-level performance projected from measured Weebit ReRAM IMC hardware results using application-level modeling.*

Direct link to the article: https://www.weebit-nano.com/researchers-explore-next-generation-ai-architectures-using-weebit-reram

Weebitnano
THE NEXT NVM IS HERE

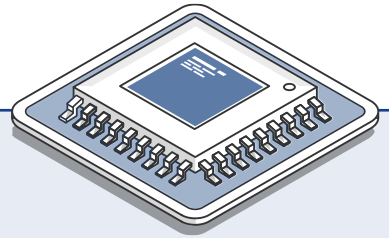
Weebit Nano Key Targets for CY 2026



Revenue

FY26 revenue goal
>$10M

EXPECTED TO BE ACHIEVED



Products

First product company customer tape-out

ACHIEVED.
3 TAPE-OUTS COMPLETED

Customers

First AI customer engagement

ON TRACK

Delivering on these milestones will continue to cement Weebit's position as the leading independent provider of ReRAM technology

Weebitnano
THE NEXT NVM IS HERE

Disclaimer

This presentation contains certain statements that constitute forward-looking statements. Examples of such statements include, but are not limited to, statements regarding the design, scope, initiation, conduct and results of our research and development programs; our plans and objectives for future operations; and the potential benefits of our products and technologies. In some cases, forward-looking statements can be identified by the use of terminology such as "may," "will," "expects," "plans," "anticipates," "estimates," "potential" or "continue" or the negative thereof or other comparable terminology. These statements involve a number of risks and uncertainties that could cause actual results and the timing of events to differ materially from those anticipated by these forward-looking statements. These risks and uncertainties include a variety of factors, some of which are beyond our control. All forward-looking statements and reasons why actual results may differ are based on information available to us when initially made, and we assume no obligation to update these forward-looking statements or provide reasons why actual results might differ or the information set forth herein.

In addition, we do not make any representations or warranties, express or implied, with regard to the information included in this presentation of any other related document or information disclosed or furnished in connection thereto, including, without limitation, with respect to the accuracy, reliability, completeness or its sufficiency for any particular purpose. This information is proprietary and confidential of Weebit and is provided on a confidential basis and may not be disclosed or used without our prior written consent. You acknowledge that the disclosure and use of the information may be further prohibited under applicable securities or other laws.

This presentation is made for informational purposes only and does not constitute an offer to sell any interest in Weebit not does it form the basis of any contract or agreement between the parties.

Third party data

This presentation includes or is otherwise based on information obtained from publicly available information including industry analyst firms and other information publicly released by corporations and government departments. Weebit has not independently verified or audited this information. Accordingly, the accuracy and completeness of such information is not guaranteed. This data has been accurately reproduced and, as far as Weebit is aware, no facts have been omitted that would render the information provided inaccurate or misleading. Investors should note that market data is inherently predictive and subject to uncertainty and is not necessarily reflective of actual market, industry and macroeconomic conditions. Specifically, there is no assurance that any of the forecasts or projections will be achieved. Forecasts and projections involve risks and uncertainties and are subject to change based on various factors, including those discussed above.

Thank You!

www.weebit-nano.com

Weebitnano

THE NEXT NVM IS HERE