



Nanya Technology

Q1 2025 Investor Conference

Safe Harbor

The information herein and the presentation made during the conference contain forward-looking statements. Neither Nanya Technology Corp. nor any other person assumes responsibility for the accuracy and completeness of the forward-looking statements or undertakes duty to update the statements.

You are urged to review carefully the information provided herein. This information shall not be distributed, reproduced or disclosed in whole or in part without prior written permission of Nanya Technology Corp.

Q1'25 Financial Results Summary

Amount in Million NT\$, except for EPS & BVPS	Q1'25		Q4'24		QoQ	Q1'24		YoY
Net Sales	7,188	100%	6,575	100%	9.3%	9,503	100%	-24.4%
Gross Profit (Loss) <i>Gross Margin (%)</i>	-1,075	-15.0%	-695	-10.6%	-	-277	-2.9%	-
Operating Income (Loss) <i>Operating Margin (%)</i>	-3,155	-43.9%	-2,812	-42.8%	-	-2,918	-30.7%	-
EBITDA* <i>EBITDA Margin (%)</i>	797	11.1%	1,185	18.0%	-32.8%	1,156	12.2%	-31.1%
Non-operating Income (Expense)	732	10.2%	899	13.7%		1,375	14.5%	
Income Tax Benefit (Expense)	483	6.7%	339	5.2%		335	3.5%	
Net Income (Loss) <i>Net Margin (%)</i>	-1,941	-27.0%	-1,574	-23.9%	-	-1,208	-12.7%	-
Earnings Per Share (NT\$)	** -0.63		-0.51			-0.39		
Book Value Per Share (NT\$)	***52.89		53.27			54.16		

Remark: * EBITDA = Operating income + Depreciation & Amortization Expenses

** EPS is based on weighted average outstanding shares of 3,099M

*** BVPS is calculated based on 3,099M outstanding shares

Quarterly Revenue Results

	QoQ Q1'25 vs. Q4'24	YoY Q1'25 vs. Q1'24
Revenue	9.3%	-24.4%
Shipment	Increased high-single digit%	Decreased high-twenties%
ASP	Decreased low-single digit%	flat
Exchange Rate	Increased low-single digit%	Increased mid-single digit%

Q1'25 vs. Q4'24 Results Comparison

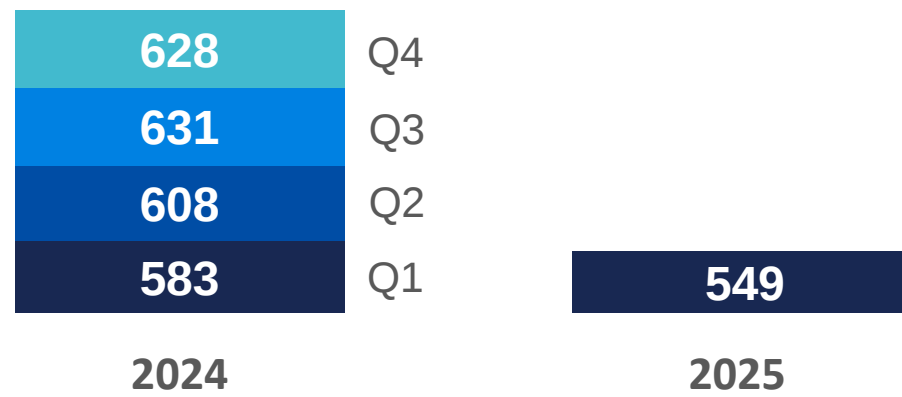
Amount in Million NT\$	Q1'25	Q4'24	QoQ (PPT* Delta)	Remarks
Net Sales	7,188	6,575	9.3%	■ Bit shipment increased high-single digit% ■ ASP decreased low-single digit% ■ FX favorable low-single digit%
Gross Profit (Loss) Gross Margin (%)	-1,075 -15.0%	-695 -10.6%	-4.4%	■ Gross loss increased NT\$ 380M, mainly due to product mix and technology transition
Operating Expense	2,081 28.9%	2,117 32.2%	-3.3%	■ OP expenses decreased NT\$ 36M
Operating Income (Loss) Operating Margin (%)	-3,155 -43.9%	-2,812 -42.8%	-1.1%	■ OP loss increased NT\$ 343M
Net Income (Loss) Net Margin (%)	-1,941 -27.0%	-1,574 -23.9%	-3.1%	■ Net loss increased NT\$ 367M

Operating Expenses

SG&A Expenses

Amount in Million NT\$

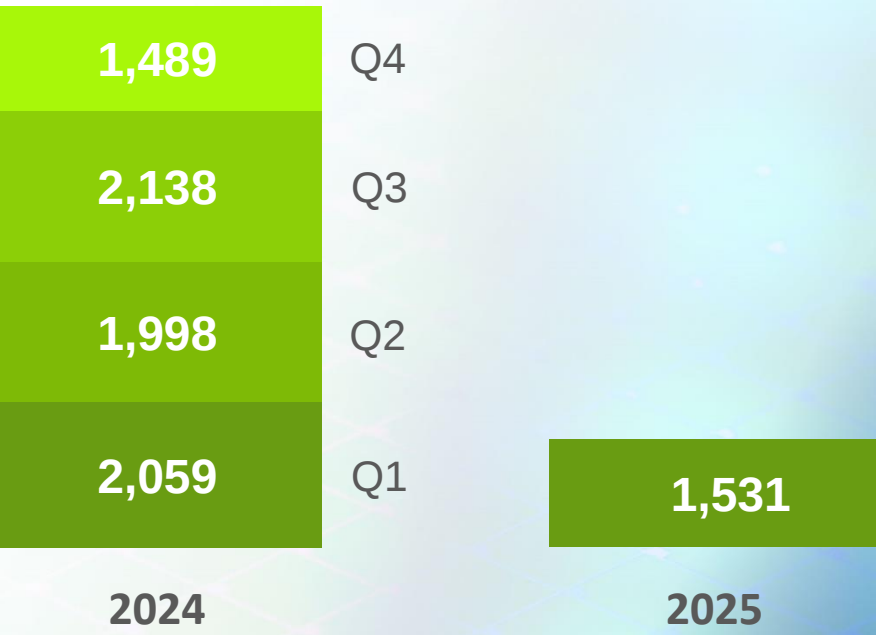
Total: 2,449



R&D Expenses

Amount in Million NT\$

Total: 7,685



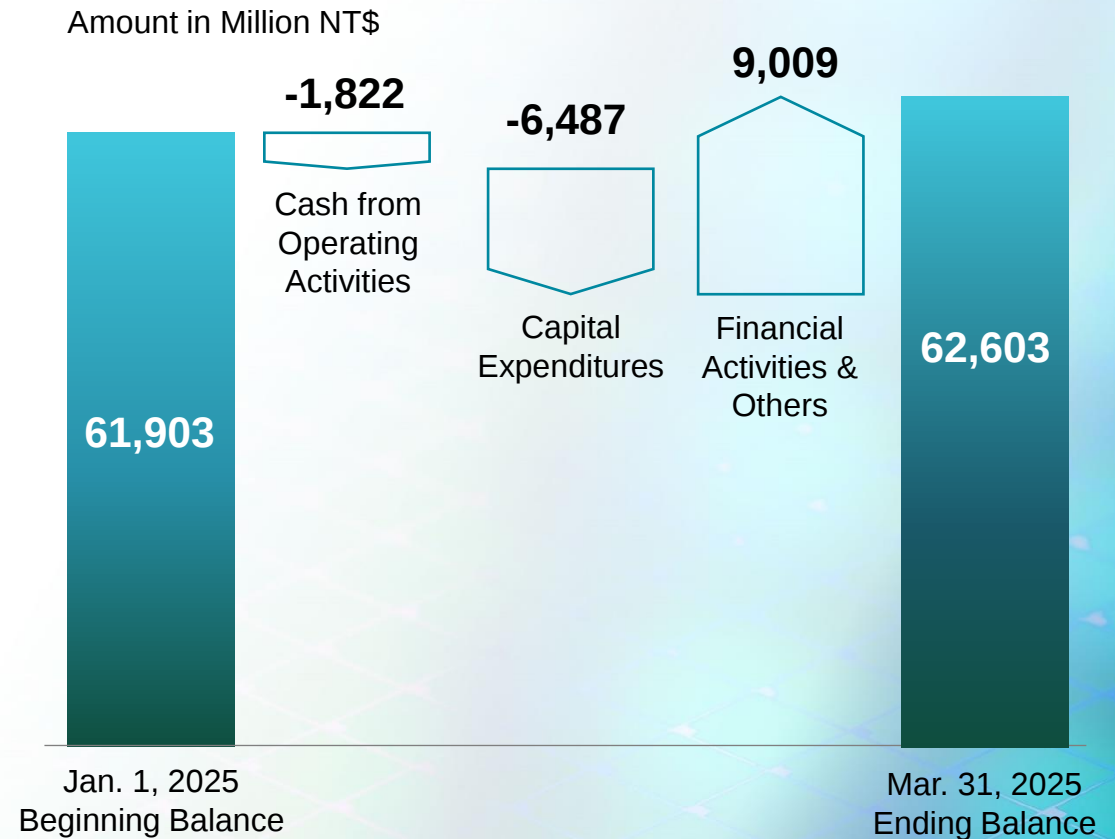
Cash Flows

Amount in Million NT\$	Q1'25	Q4'24
Beginning Balance	61,903	61,157
Cash from Operating Activities	-1,822	-216
Capital Expenditures	-6,487	-3,372
Financial Activities & Others	9,009	4,333
Ending Balance	*62,603	61,903
Free Cash Flow ⁽¹⁾	-8,309	-3,588

(1) Free Cash Flow = Cash from operating activities – Capital expenditures

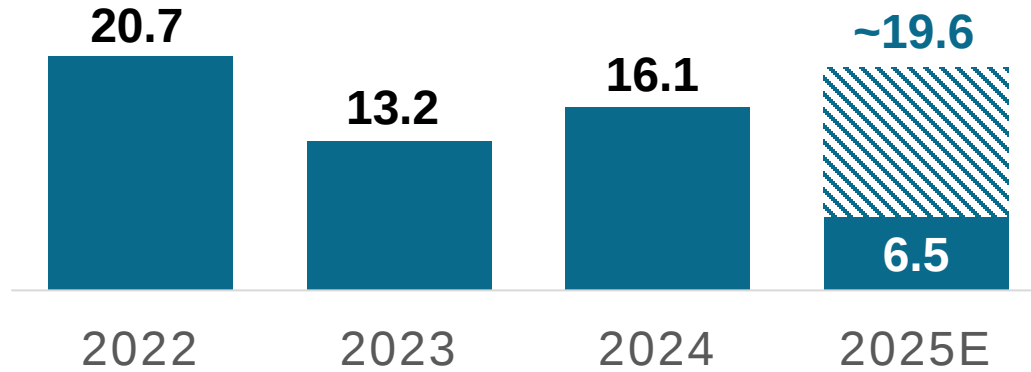
* Net cash and equivalents (NT\$ 28.4B) = Cash and equivalents (NT\$ 62.6B) – Short-term debt (NT\$ 19.2B) - Long-term debt (NT\$ 15.0B)

Q1'25 Cash Flow

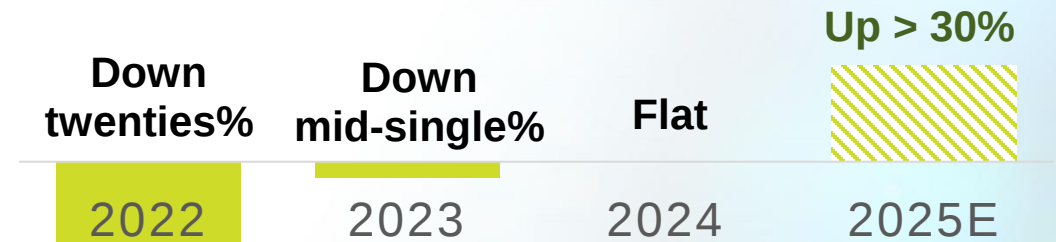


CAPEX & Bit Shipment

Amount in Billion NT\$



CAPEX



Bit Shipment (YoY)

Capital Expenditure (CAPEX)

- Q1'25 CAPEX was NT\$ 6.5B;
- 2025 CAPEX plan up to NT\$19.6B*
*Approved by the Board on February 26, 2025.

Bit Shipment

- Q1'25 bit shipment up high-single digit% QoQ
- 2025 bit shipment plan to increase > 30% YoY (adjusted up from > 20% YoY)

DRAM Market Outlook (Q2'25)

Outlook

- AI drive demand for cloud data center in 2024-2025. From 2026, AI may gradually grow demand in the edge applications
- Compact language models expedite applications in edge devices (e.g., mobile, PC, automotive, robotics), and also trigger customized DRAM specifications
- Opportunity for DRAM market demand improvement in 2025, due to AI booming and inventory reduction. However, tariff conflicts may undermine global economic recovery

Supply

- Major DRAM suppliers continue to allocate capacity to HBM and DDR5
- Supply for DDR3/ DDR4/ LPDDR4 gradually reduced, as production and inventory reduced

Demand

- **Server:** Capex remains strong in Q2'25 for cloud service providers and government agencies
- **Mobile:** China stimulus policy helped improve local demand in short term. Long term, edge computing accelerate the adoption of AI smartphones
- **PC:** low cost, compact language models may trigger demand for AI PC and content per box
- **Consumer:** Short term, China stimulus policy helped improve DRAM demand, inventory and ASP. Long term, tariff conflicts may raise global economic concern

Nanya Business Review & Outlook

- Q1'25 net loss NT\$ 1,941 million, EPS NT\$ -0.63;
- 2nd 10nm-class (1B) wafer input reached one-third of total capacity in Q2'25
- Delivered 16Gb DDR5 at 5600 speed in Q1'25, and sampling at 6400 speed in Q2'25
- 3rd and 4th 10nm-class (1C & 1D) and customized products development on schedule
- ESG recognitions:
 - Selected as the Top 100 Innovator by Clarivate for the third consecutive year
 - Ranked second in Taiwan for invention patent applications in 2024
 - Selected for CDP's Climate Change "A list" and Water Security "A- List"
 - Selected in the S&P Sustainability Yearbook Member for the sixth consecutive year



Thanks & Questions

Q1'25 Consolidated Income Statement

Amount in Million NT\$, except for EPS & BVPS		Q1'25	Q4'24		QoQ	Q1'24		YoY
Net Sales	7,188	100.0%	6,575	100.0%	9.3%	9,503	100.0%	-24.4%
Cost of Goods Sold	8,263	115.0%	7,270	110.6%		9,780	102.9%	
Gross Profit (Loss)	-1,075	-15.0%	-695	-10.6%	-	-277	-2.9%	-
SG&A Expenses	549	7.6%	628	9.5%		583	6.1%	
R&D Expenses	1,531	21.3%	1,489	22.7%		2,059	21.7%	
Operating Income (Loss)	-3,155	-43.9%	-2,812	-42.8%	-	-2,918	-30.7%	-
Non-operating Income (Expense)	732	10.2%	899	13.7%		1,375	14.5%	
Income before Tax (Loss)	-2,423	-33.7%	-1,913	-29.1%	-	-1,543	-16.2%	-
Income Tax Benefit (Expense)	483	6.7%	339	5.2%		335	3.5%	
Net Income (Loss)	-1,941	-27.0%	-1,574	-23.9%	-	-1,208	-12.7%	-
Earnings Per Share (NT\$)	-0.63		-0.51			-0.39		
Book Value Per Share (NT\$)	52.89		53.27			54.16		