

The top half of the slide features a background image of the Earth's horizon from space. In the upper right, the word "winbond" is written in a bold, italicized, red sans-serif font. On the left side, a black integrated circuit chip is shown at an angle. The chip has "winbond" printed on its top surface and "We Deliver" on its bottom surface. It has several pins visible on its sides.

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2018H1 Investor Conference

July 27, 2018



Safe Harbor Notice

- We have made forward-looking statements in this presentation. Our forward-looking statements contain information regarding, among other things, our financial condition, future expansion plans and business strategies. We have based these forward-looking statements on our current expectations and projections about future events. Although we believe that these expectations and projections are reasonable, such forward-looking statements are inherently subject to risks, uncertainties and assumptions about us.
- We undertake no obligation to publicly update or revise any forward-looking statements whether as a result of new information, future events or otherwise. In light of these risks, uncertainties and assumptions, the forward-looking events discussed in this conference might not occur and our actual results could differ materially from those anticipated in these forward-looking statements.
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Financial Results

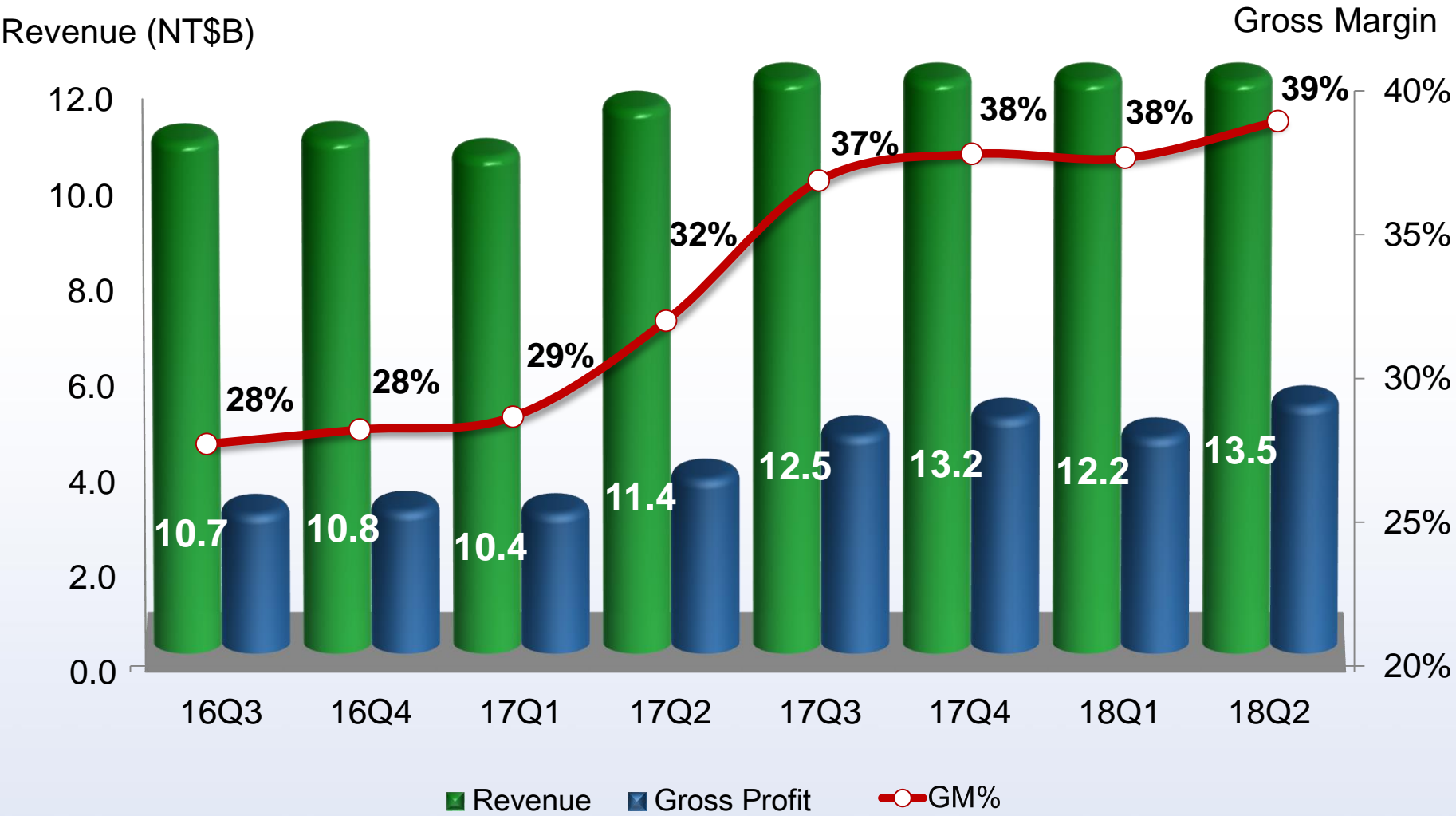


Statement of Comprehensive Income - Consolidated

Unit: NT\$ M	2018Q2	2018Q1	QoQ	2018H1	2017H1	YoY
Net Sales	13,485	12,156	11%	25,641	21,836	17%
Gross Profit	5,251	4,579	15%	9,830	6,703	47%
Gross Margin	39%	38%	n.a.	39%	31%	n.a.
Operating Income	2,458	2,028	21%	4,486	2,323	93%
Operating Margin	18%	17%	n.a.	18%	11%	n.a.
Net Non-Operating Income (Loss)	362	(56)	n.a.	306	9	3245%
Income Tax Benefit (Expense)	(562)	(359)	56%	(921)	(522)	76%
Net Income (Loss)	2,258	1,613	40%	3,871	1,810	114%
Earnings Per Share	0.54	0.40	37%	0.94	0.47	100%
EBITDA	4,295	3,784	14%	8,079	5,156	57%



Revenue and GM Trend- Consolidated





Balance Sheet - Consolidated

Unit: NT\$ M	Jun. 30 '18	Dec. 31 '17	Jun. 30 '17	YOY
Cash	9,345	14,172	5,903	58%
Inventory(Net)	9,339	8,140	7,924	18%
Property, Plant and Equipment	48,392	43,829	39,846	21%
Total Assets	92,781	88,116	73,609	26%
L/T Debt	6,774	8,729	7,984	-15%
Total Liabilities	27,424	26,489	27,399	0%
Shareholders' Equity	65,358	61,627	46,210	41%
Debt / Equity Ratio	0.42	0.43	0.59	
Current Ratio	1.95	2.29	1.50	



Statement of Cash Flows - Consolidated

Unit: NT\$ M	2018Q2	2018Q1	QoQ	2018H1	2017H1	YoY
Operating Cash Flow	3,410	3,800	-10%	7,210	4,378	65%
Depreciation & Amortization	1,837	1,756	5%	3,593	2,842	26%
Investing Cash Flow	(4,015)	(6,150)	-35%	(10,165)	(8,882)	14%
CAPEX	(3,858)	(6,281)	-39%	(10,139)	(8,897)	14%
Financing Cash Flow	(1,356)	(559)	142%	(1,915)	2,797	n.a.
Net change	(1,909)	(2,919)	-35%	(4,828)	(1,781)	171%
Cash & Equivalents	9,345	11,254	-17%	9,345	5,903	58%

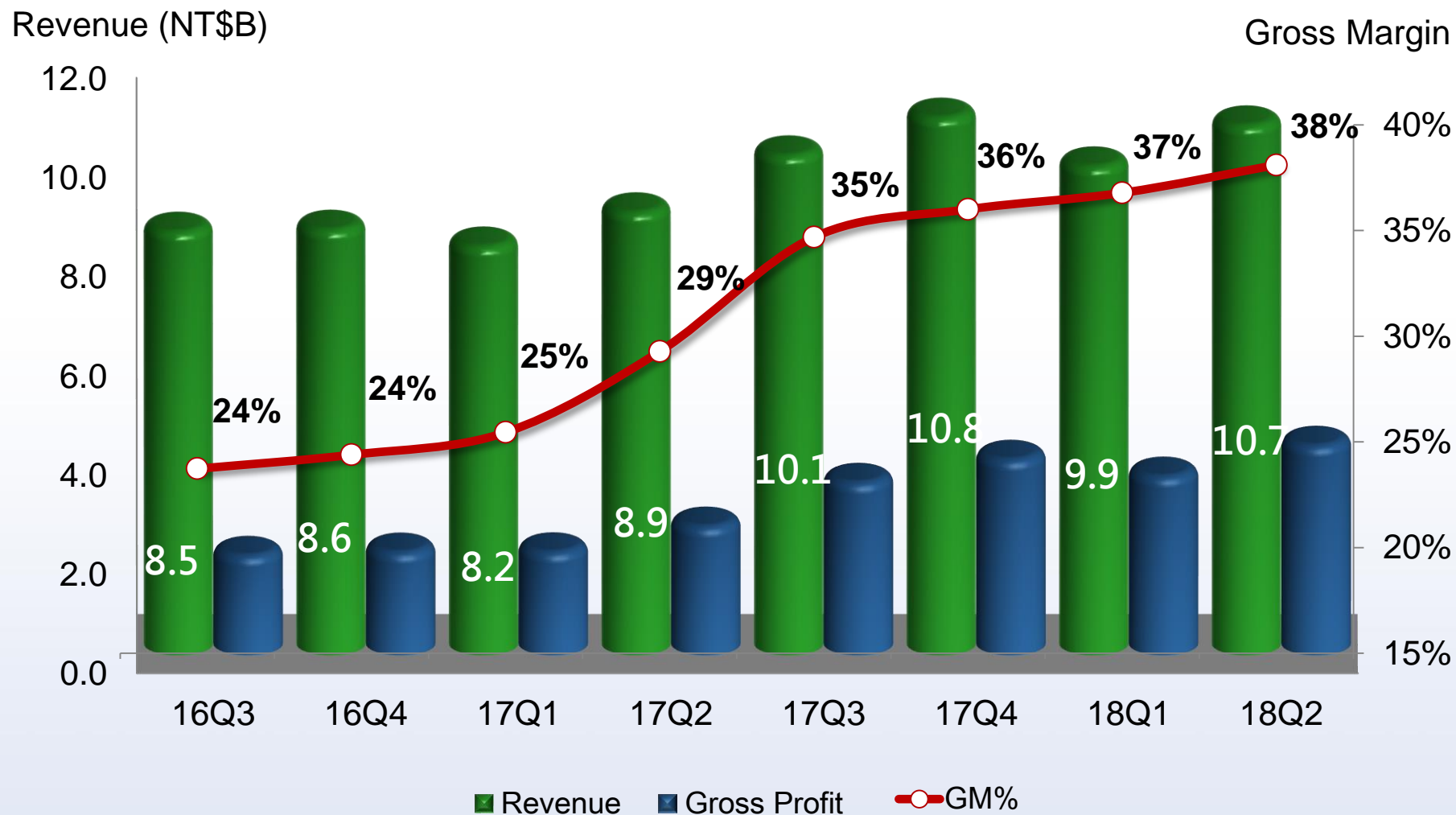


Statement of Comprehensive Income - Memory

Unit: NT\$ M	2018Q2	2018Q1	QoQ	2018H1	2017H1	YoY
Net Sales	10,681	9,857	8%	20,538	17,191	19%
Gross Profit	4,097	3,625	13%	7,722	4,715	64%
Gross Margin	38%	37%	n.a.	38%	27%	n.a.
Operating Income	2,174	1,871	16%	4,045	1,908	112%
Operating Margin	20%	19%	n.a.	20%	11%	n.a.
Net Non-Operating Income (Loss)	479	44	989%	523	204	156%
Income Tax Benefit (Expense)	(497)	(343)	45%	(840)	(435)	93%
Net Income (Loss)	2,155	1,572	37%	3,728	1,677	122%
Earnings Per Share	0.54	0.40	37%	0.94	0.47	100%
EBITDA	3,945	3,560	11%	7,505	4,619	62%



Revenue and GM Trend- Memory





Balance Sheet - Memory

Unit: NT\$ M	Jun. 30 '18	Dec. 31 '17	Jun. 30 '17	YOY
Cash	6,746	11,658	3,476	94%
Inventory(Net)	7,659	6,497	6,386	20%
Property, Plant and Equipment	131,595	123,750	117,921	12%
Total Assets	88,653	84,410	69,947	27%
L/T Debt	6,774	8,729	7,984	-15%
Total Liabilities	24,646	24,198	25,003	-1%
Shareholders' Equity	64,006	60,212	44,944	42%
Debt / Equity Ratio	0.39	0.40	0.56	
Current Ratio	1.84	2.16	1.32	



Statement of Cash Flows-Memory

Unit: NT\$ M	2018Q2	2018Q1	QoQ	2018H1	2017H1	YoY
Operating Cash Flow	2,903	4,087	-29%	6,990	4,516	55%
Depreciation & Amortization	1,771	1,689	5%	3,460	2,711	28%
Investing Cash Flow	(3,778)	(6,209)	-39%	(9,987)	(8,719)	15%
CAPEX	(3,817)	(6,218)	-39%	(10,035)	(8,719)	15%
Financing Cash Flow	(1,361)	(554)	146%	(1,915)	2,805	n.a.
Net change	(2,236)	(2,676)	-16%	(4,912)	(1,398)	37%
Cash & Equivalents	6,746	8,982	-25%	6,746	3,476	94%

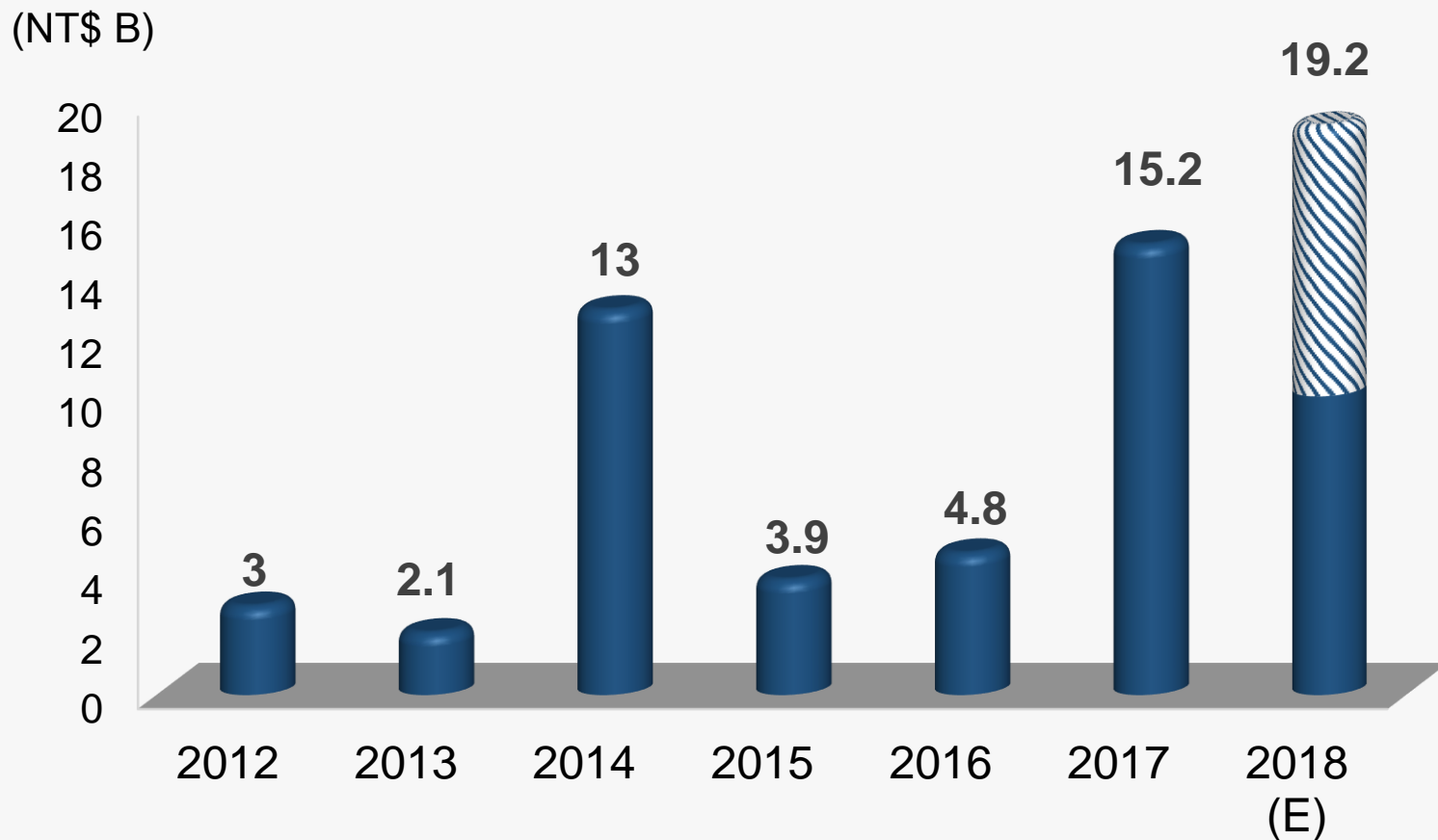


Financial Highlights (Memory)

Unit: NT\$ M	2018H1		2017H2		2017H1	
Net Sales	20,538	100%	20,912	100%	17,191	100%
Gross Profit	7,722	38%	7,443	36%	4,715	27%
Operating Expenses	3,677	18%	3,640	17%	2,807	16%
Operating Income	4,045	20%	3,803	18%	1,908	11%
Net Income (Loss)	3,728	18%	3,874	19%	1,677	10%



Y2018 Memory CAPEX



CAPEX(Cash Basis) as of 07/27/2018

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Winbond Business Recap & Outlook



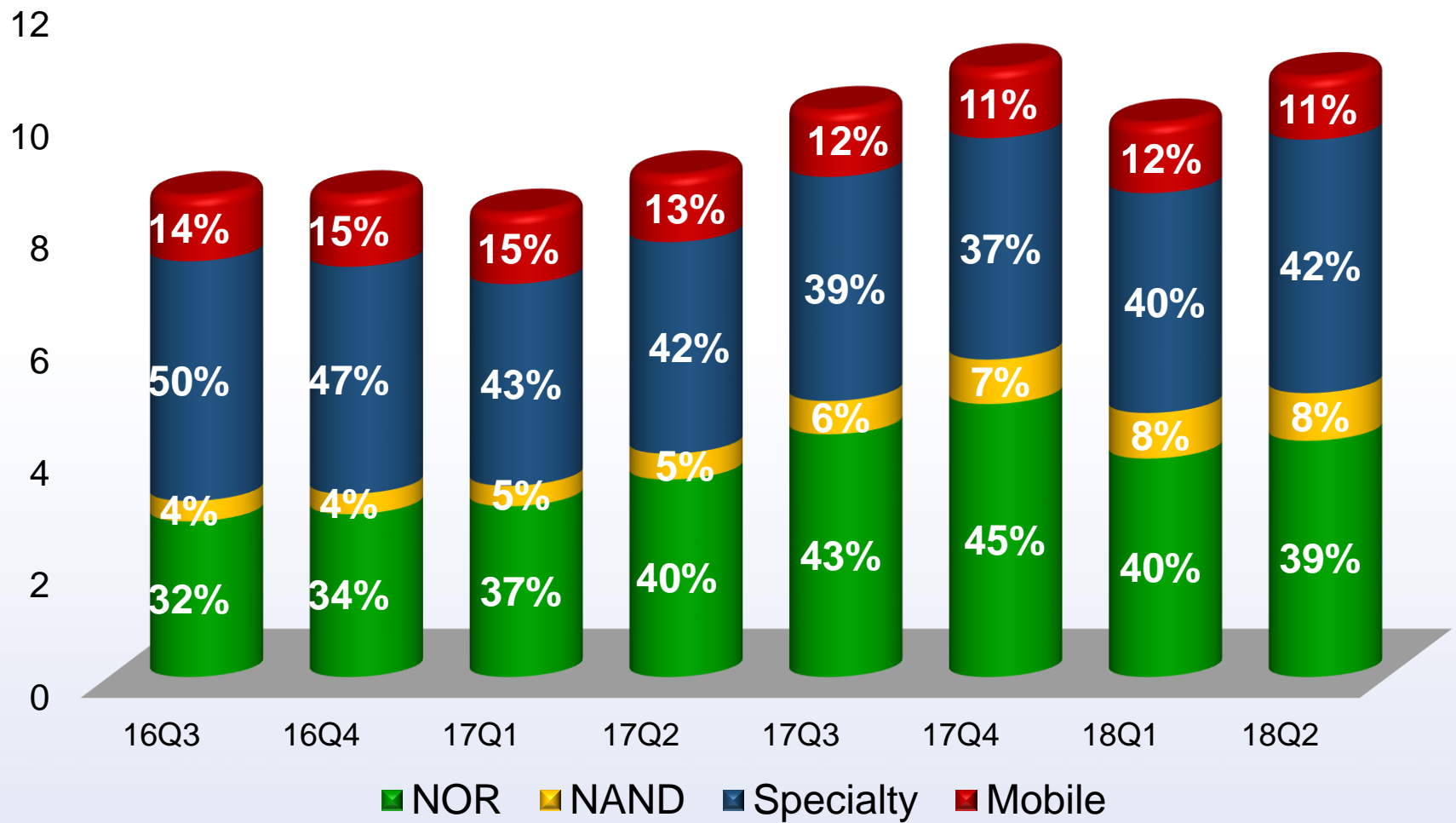
2018H1 Winbond Business Recap

- ❑ DRAM maintained stable business with increasing demand in multiple applications, but limited capacity
- ❑ NOR Flash had seasonality and slight inventory adjustment in some segments in Q1, and rebound in Q2
- ❑ Worldwide #1 NOR Flash supplier
- ❑ SLC NAND showed strong business growth
- ❑ Continuous CAPEX to increase Fab capacity and migrate technology to support demand
- ❑ Completed the listing of NT\$ 10 billion 7-year secured ordinary corporate bonds at a fixed rate in July



Revenue Breakdown by Product

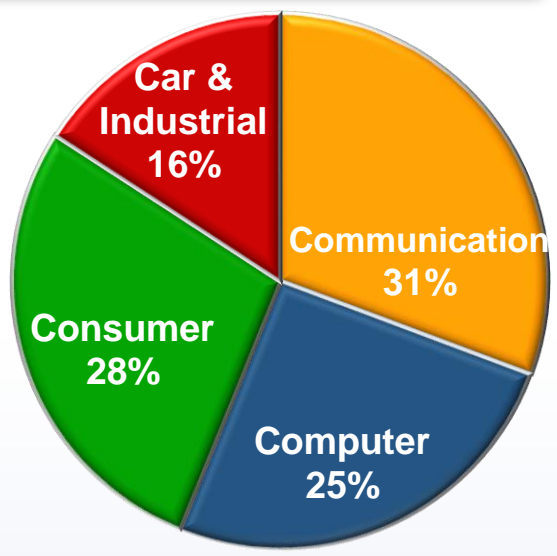
Revenue (NT\$B)



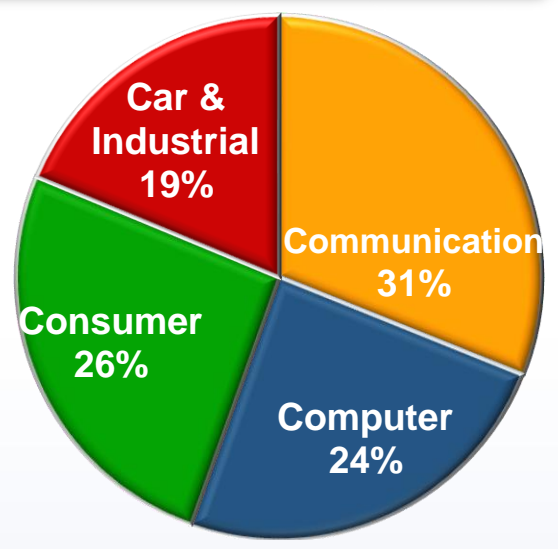


Revenue Breakdown by Application

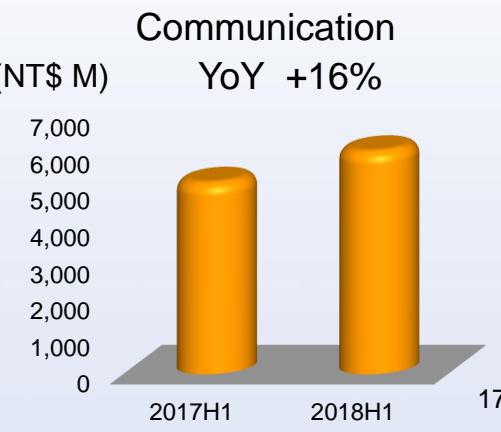
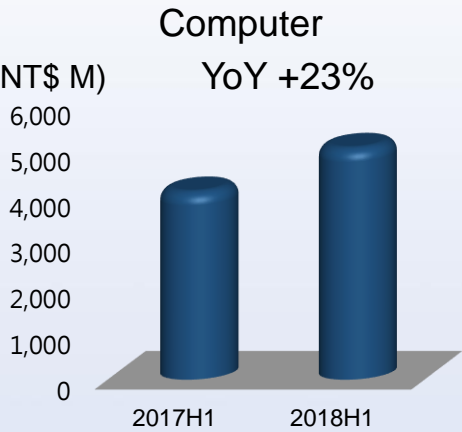
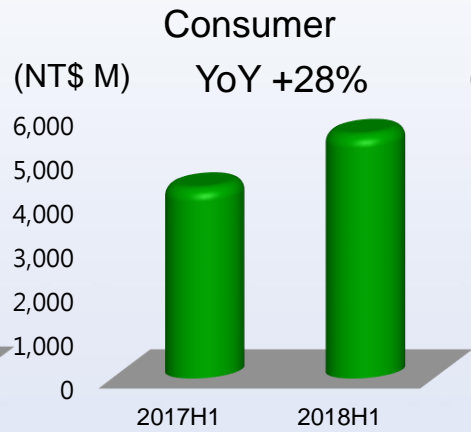
2018H1



2017H1



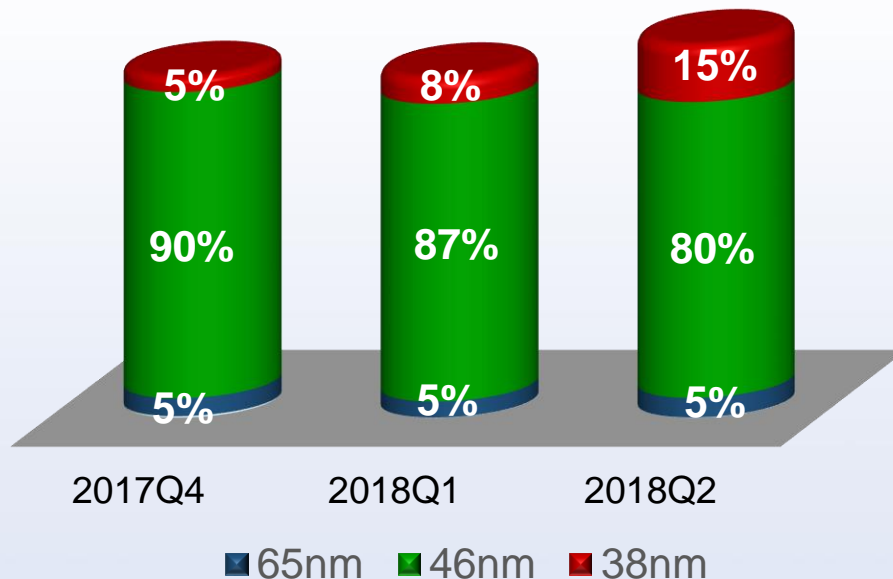
Note: Revenue excluded foundry and others





DRAM Memory Business

- ❑ 38nm DRAM revenue continues to increase
- ❑ Gross margin improved with better mix in products and customers
- ❑ Specialty revenue and bit growth both increased due to strong demand and migration
- ❑ Mobile revenue declined due to customer's model changes

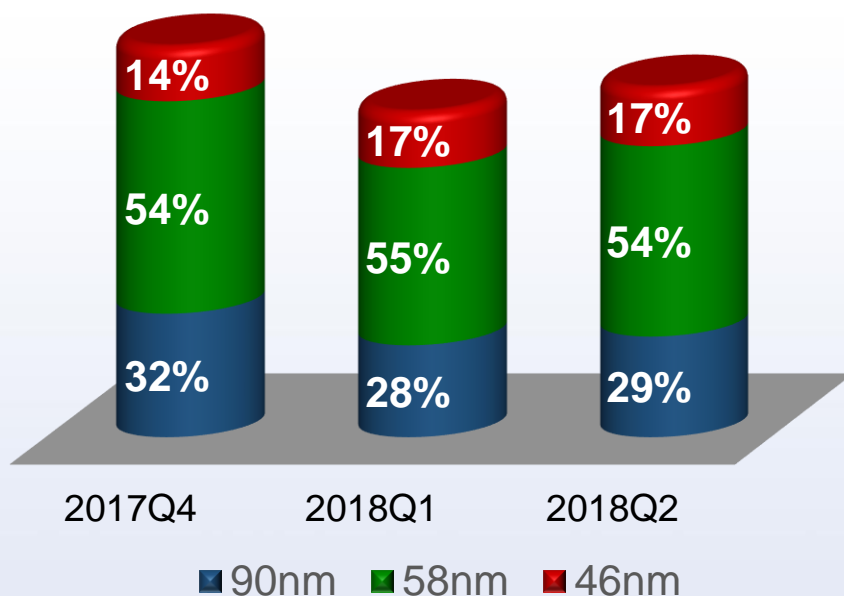


(QoQ)	'18Q2 vs '18Q1	'18Q1 vs '17Q4
Revenue	+9.2%	-0.6%
Bit growth	+10.6%	+1.0%



Flash Memory Business

- ❑ Demand-Supply is getting balanced from Q2
- ❑ Strong demand in SLC NAND Flash



	(QoQ)	'18Q2 vs '18Q1	'18Q1 vs '17Q4
Revenue		+8.1%	-19.9%
Bit growth		+4.2%	-2.7%



2018H2 Winbond Business Outlook - DRAM

- ❑ Stable market conditions in Specialty DRAM, with increasing demand from multiple applications and slight capacity increase
- ❑ DRAM technology migration is on track:
 - 38nm production is ramping up
 - 25nm will be released to production in Q4
 - Next technology node is being developed



2018H2 Winbond Business Outlook - Flash

- ❑ Foresee balanced demand-supply in NOR Flash in 2H
- ❑ Maintain stable business with diversified portfolio in applications and territories
- ❑ A few unique products are getting market attentions:
 - Automotive grade SLC NAND Flash
 - Serial NAND Flash
 - 1.2V SPI Flash



Winbond Operation Focus

- ❑ Capex in 2017 and 2018 drives capacity increase (to 54K WPM in early 2019) and technology migration to support business growth in 2019 and 2020
- ❑ Continue intensive R&D to drive technology migrations in both DRAM and NOR/NAND Flash, and product innovations
- ❑ Planning of new Fab is on schedule
- ❑ Impacts from Sino-US trade war are estimated to be limited under current situation