

The top section 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. 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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1H20 Investor Conference

July 30, 2020



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.
- The information contained herein shall also not constitute an offer to sell or a solicitation of an offer to buy the company's securities nor shall there be any sale of such securities in any state or country in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such state or country.

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Financial Results

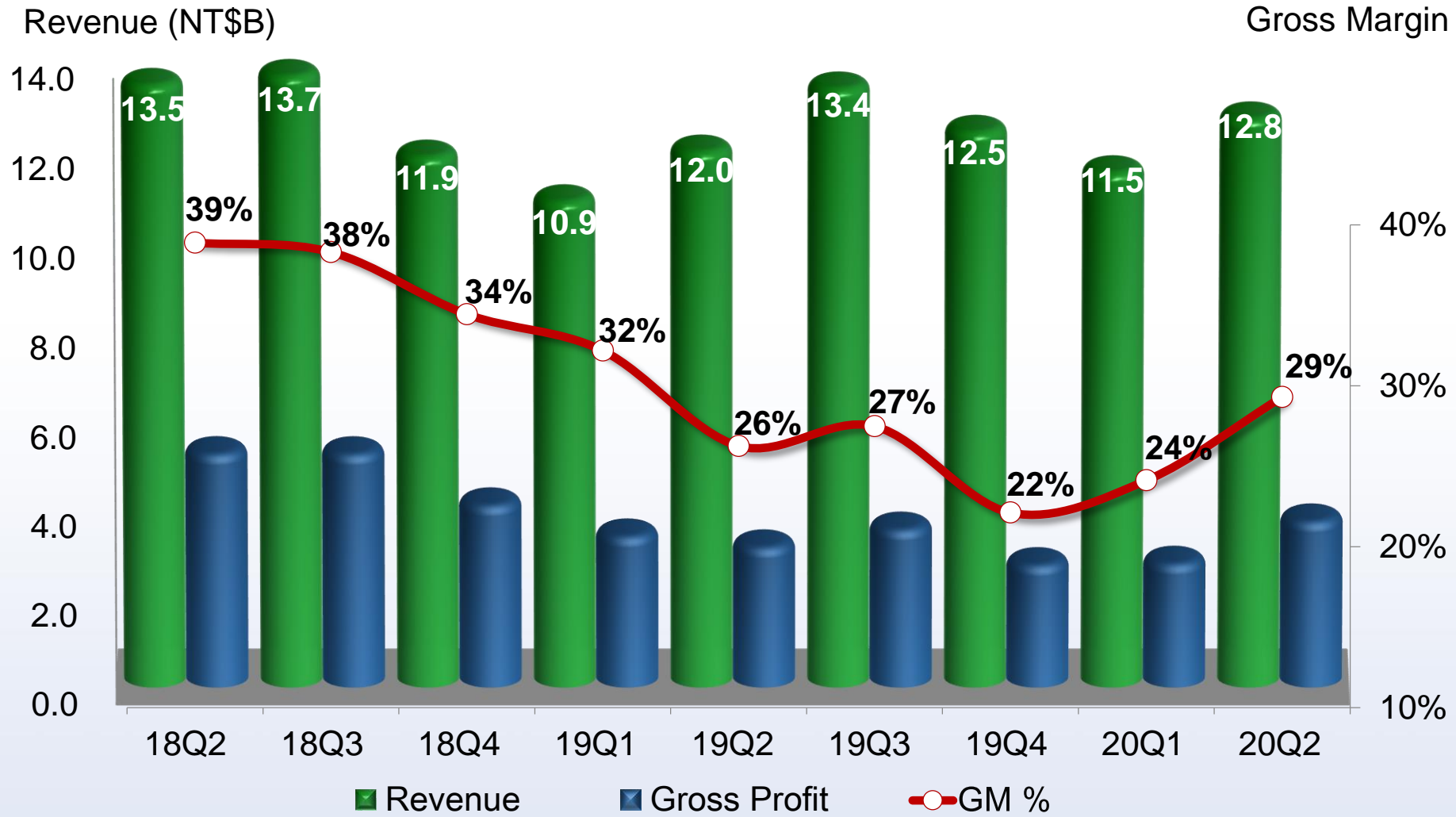


Statement of Comprehensive Income - Consolidated

Unit: NT\$ M	2020Q2	2020Q1	QoQ	1H20	1H19	YoY
Net Sales	12,753	11,549	1,204	24,302	22,898	1,404
Gross Profit	3,738	2,787	951	6,525	6,604	(79)
Gross Margin	29%	24%		27%	29%	
Operating Income	876	32	844	908	897	11
Operating Margin	7%	0%		4%	4%	
Net Non-Operating Income (Loss)	2	(93)	95	(91)	335	(426)
Income Tax Benefit (Expense)	(40)	(20)	(20)	(60)	(269)	209
Net Income (Loss)	838	(81)	919	757	963	(206)
Earnings Per Share	0.18	(0.02)	0.20	0.16	0.22	(0.06)
EBITDA	3,156	2,328	828	5,484	5,185	299



Revenue and GM Trend- Consolidated





Balance Sheet - Consolidated

Unit: NT\$ M	Jun. 30 '20	%	Dec. 31 '19	%	Jun. 30 '19	%
Cash	12,559	12%	11,468	11%	14,074	13%
Inventory(Net)	10,583	10%	10,332	10%	11,068	11%
Property, Plant and Equipment	55,340	54%	56,977	54%	55,730	54%
Total Assets	103,541	100%	104,805	100%	103,280	100%
L/T Liability	20,868	21%	19,662	19%	16,955	17%
Total Liabilities	41,448	40%	40,948	39%	43,013	42%
Shareholders' Equity	62,093	60%	63,857	61%	60,267	58%
Debt / Equity Ratio	0.67		0.64		0.71	
Current Ratio	2.29		2.14		1.75	



Statement of Cash Flows - Consolidated

Unit: NT\$ M	2020Q2	2020Q1	QoQ	1H20	1H19	YoY
Operating Cash Flow	2,598	1,715	883	4,313	4,846	(533)
Depreciation & Amortization	2,280	2,296	(16)	4,576	4,288	288
Investing Cash Flow	(2,028)	(1,500)	(528)	(3,528)	(6,790)	3,262
CAPEX	(1,587)	(1,521)	(66)	(3,108)	(6,512)	3,404
Financing Cash Flow	1,403	(1,050)	2,453	353	3,406	(3,053)
Net change	1,927	(836)	2,763	1,091	1,514	(423)
Cash & Equivalents	12,559	10,632	1,927	12,559	14,074	(1,515)



Statement of Comprehensive Income - Memory

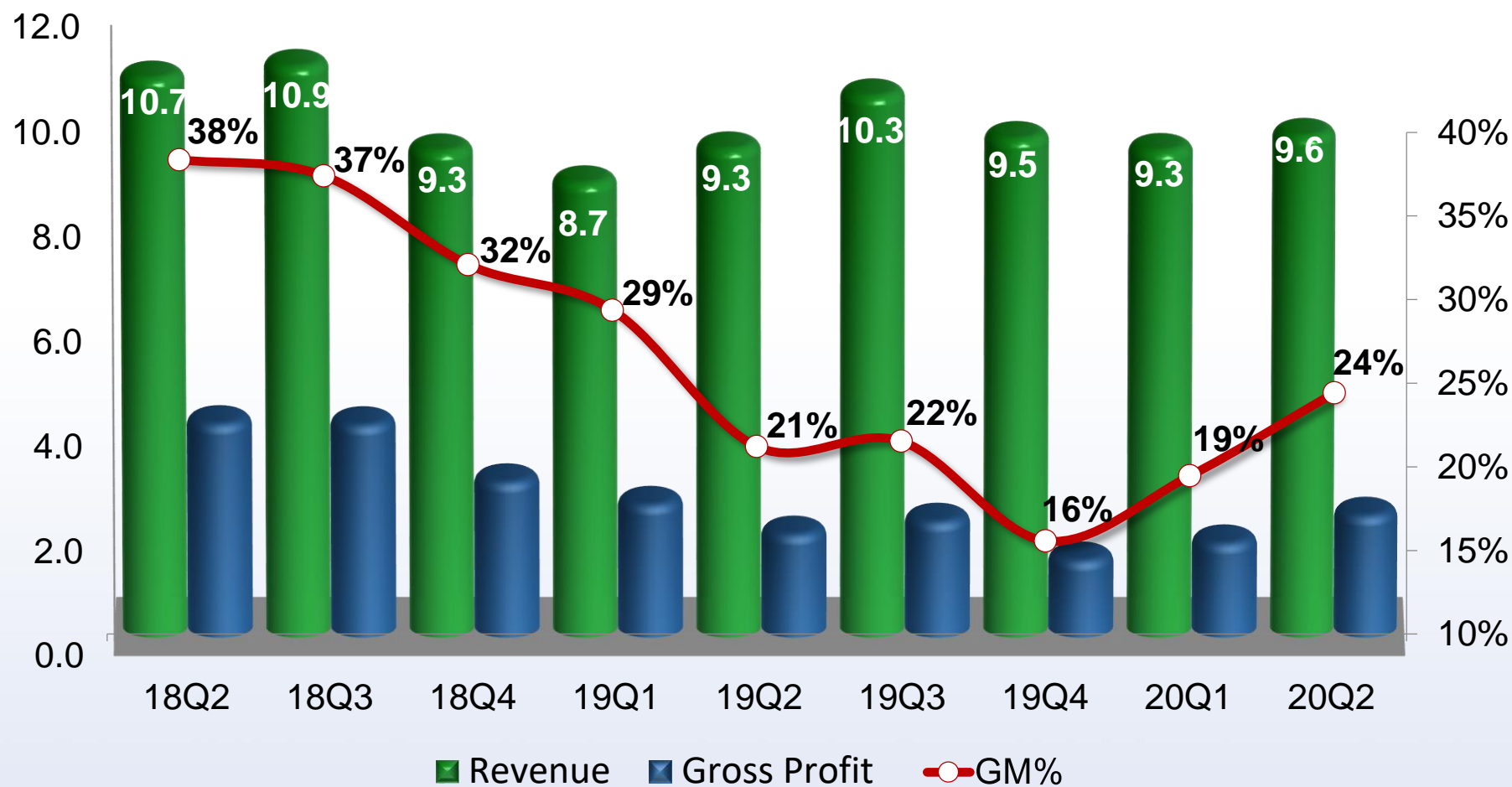
Unit: NT\$ M	2020Q2	2020Q1	QoQ	1H20	1H19	YoY
Net Sales	9,588	9,300	288	18,888	18,015	873
Gross Profit	2,342	1,810	532	4,152	4,529	(377)
Gross Margin	24%	19%		22%	25%	
Operating Income	449	(66)	515	383	598	(215)
Operating Margin	5%	-1%		2%	3%	
Net Non-Operating Income (Loss)	213	(30)	243	183	479	(296)
Income Tax Benefit (Expense)	47	9	38	56	(200)	256
Net Income (Loss)	709	(87)	796	622	877	(255)
Earnings Per Share	0.18	(0.02)	0.20	0.16	0.22	(0.06)
EBITDA	2,596	2,111	485	4,707	4,686	21



Revenue and GM Trend- Memory

Revenue (NT\$B)

Gross Margin





Balance Sheet - Memory

Unit: NT\$ M	Jun. 30 '19	%	Dec. 31 '19	%	Jun. 30 '19	%
Cash	4,824	5%	5,425	6%	11,205	11%
Inventory(Net)	8,705	9%	8,750	9%	9,554	10%
Property, Plant and Equipment	54,083	57%	55,691	57%	54,779	55%
Total Assets	94,564	100%	98,249	100%	98,814	100%
L/T Liability	18,362	19%	19,162	19%	16,955	17%
Total Liabilities	35,285	37%	37,228	38%	39,890	40%
Shareholders' Equity	59,279	63%	61,021	62%	58,924	60%
Debt / Equity Ratio	0.60		0.61		0.68	
Current Ratio	1.86		1.80		1.63	



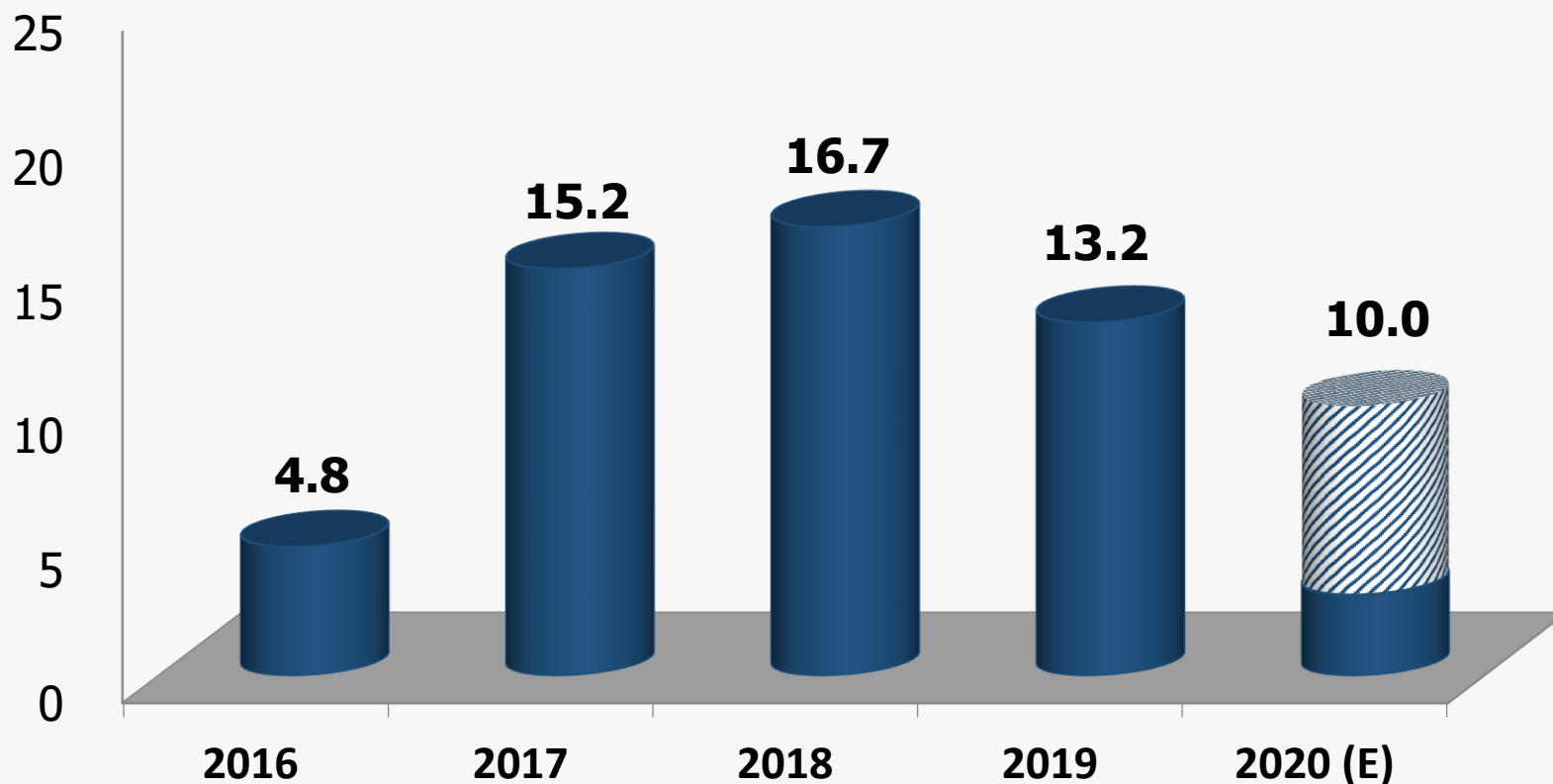
Statement of Cash Flows-Memory

Unit: NT\$ M	2020Q2	2020Q1	QoQ	1H20	1H19	YoY
Operating Cash Flow	2,104	2,035	69	4,139	4,991	(852)
Depreciation & Amortization	2,147	2,177	(30)	4,324	4,088	236
Investing Cash Flow	(1,809)	(1,323)	(486)	(3,132)	(6,613)	3,481
CAPEX	(1,554)	(1,438)	(116)	(2,992)	(6,425)	3,433
Financing Cash Flow	(578)	(1,030)	452	(1,608)	3,442	(5,050)
Net change	(283)	(318)	35	(601)	1,820	(2,421)
Cash & Equivalents	4,824	5,107	(283)	4,824	11,205	(6,381)



Y2020 Memory CAPEX

(NT\$ B)



CAPEX (Cash Basis) as of 06/30/2020

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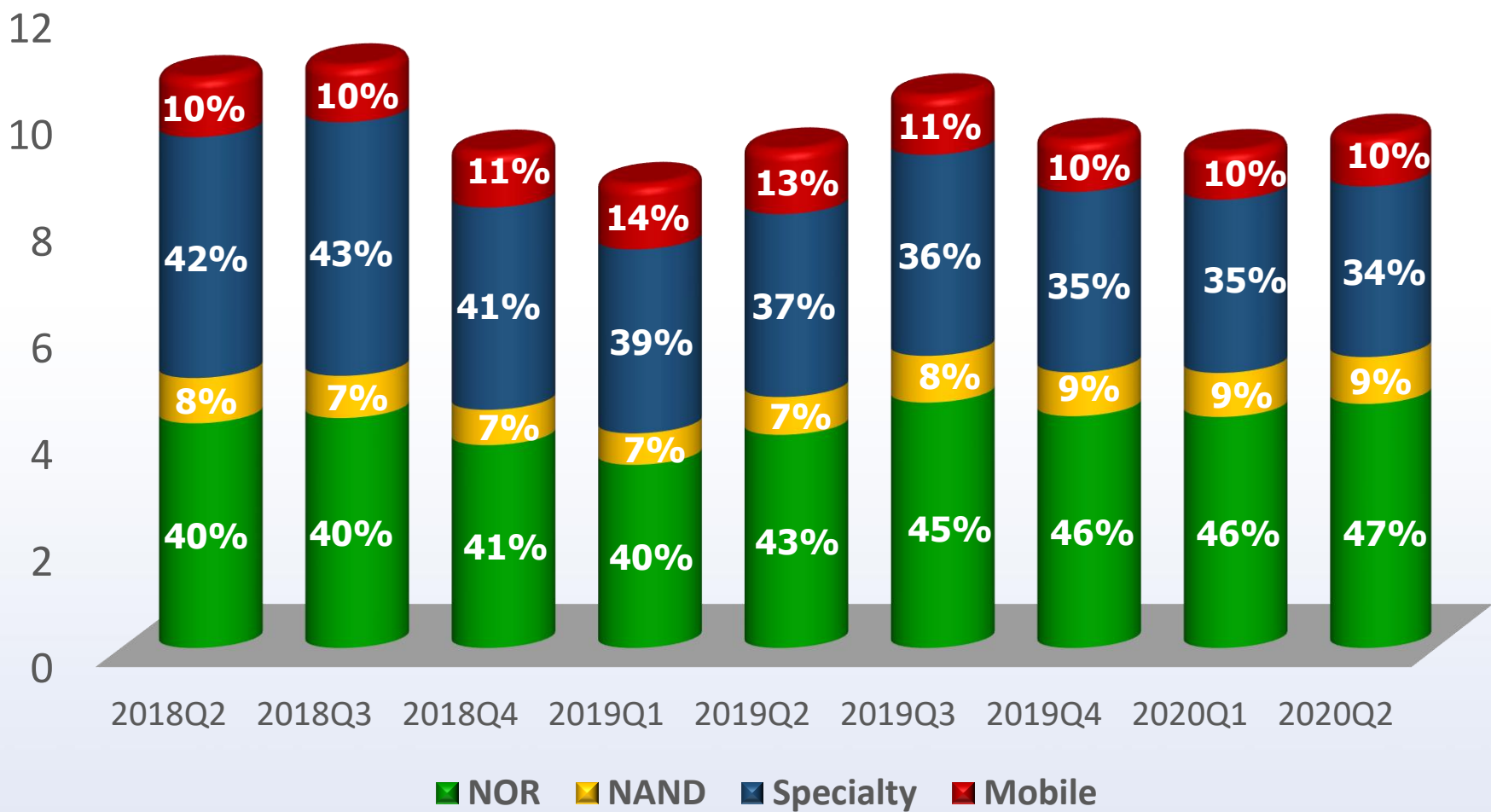


Winbond Business Recap & Outlook



2Q20 Revenue Breakdown by Product

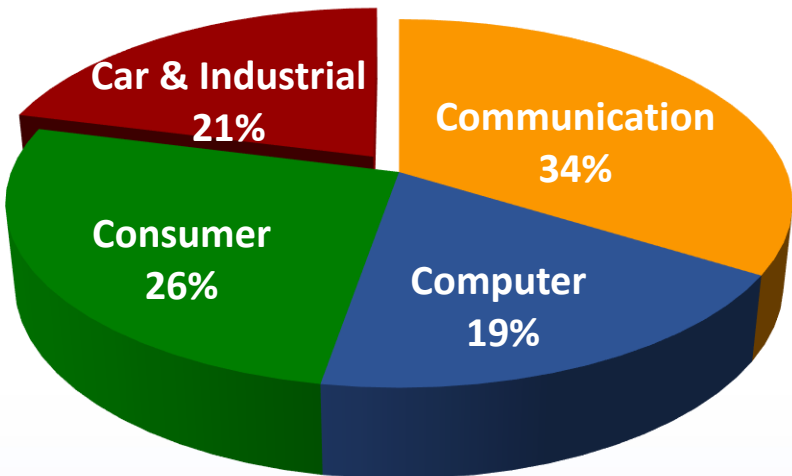
Revenue (NT\$B)



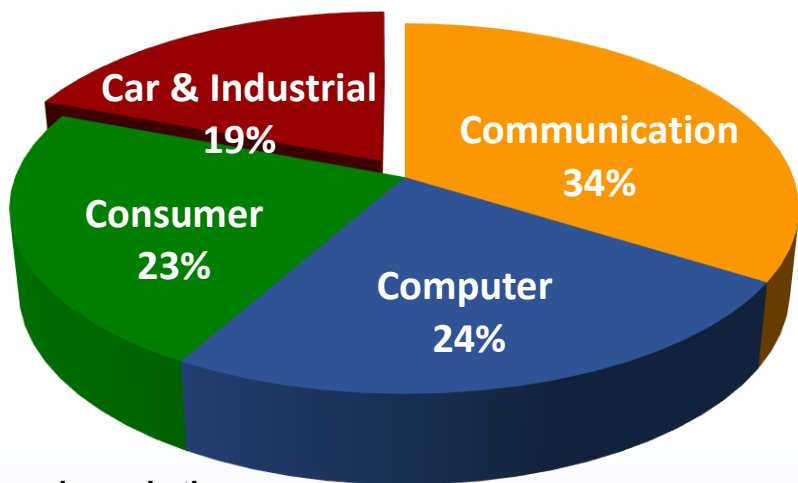


Revenue Breakdown by Application

20Q1

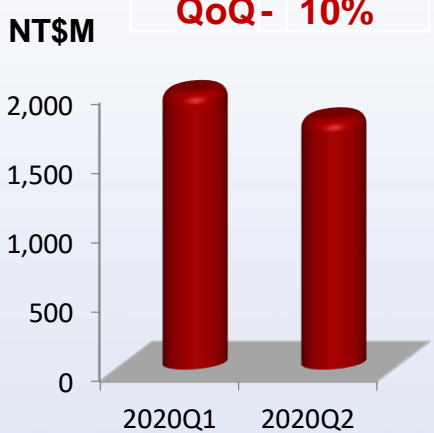


20Q2

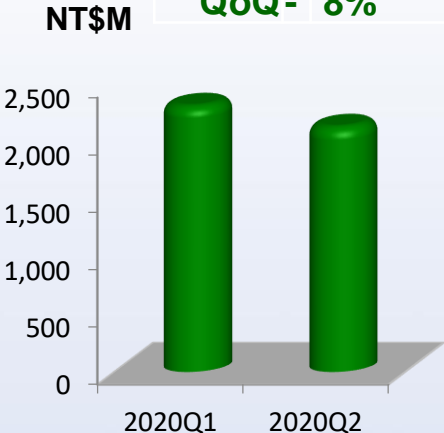


Note: Revenue excluded foundry and others

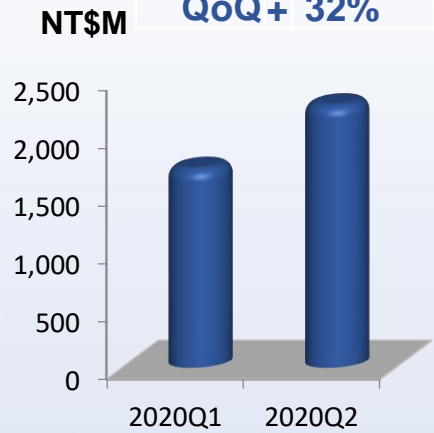
Car & Industrial
QoQ- 10%



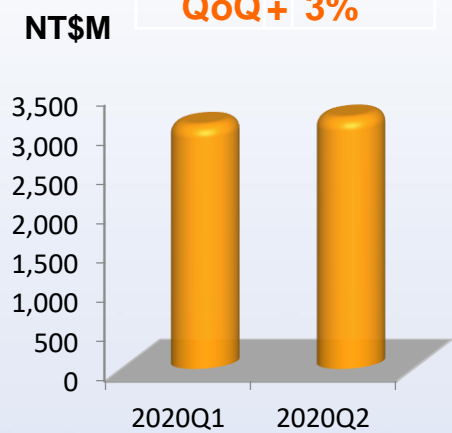
Consumer
QoQ- 8%



Computer
QoQ+ 32%



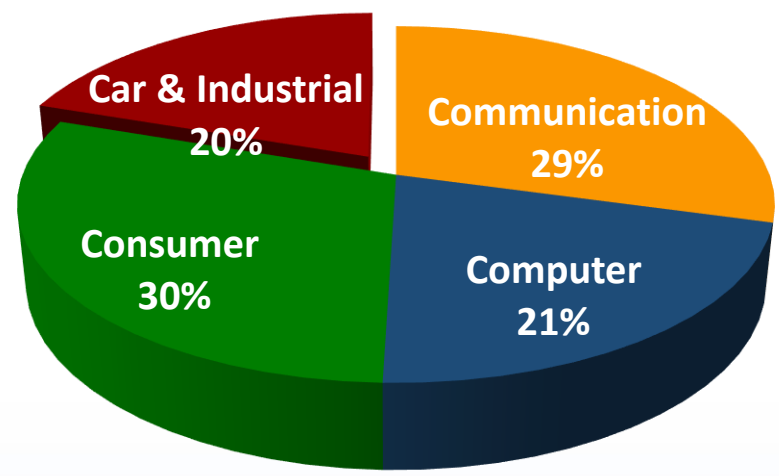
Communication
QoQ+ 3%



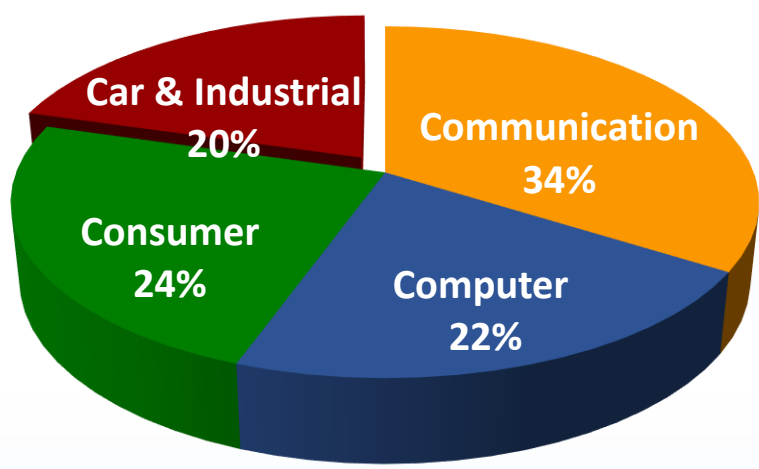


Revenue Breakdown by Application

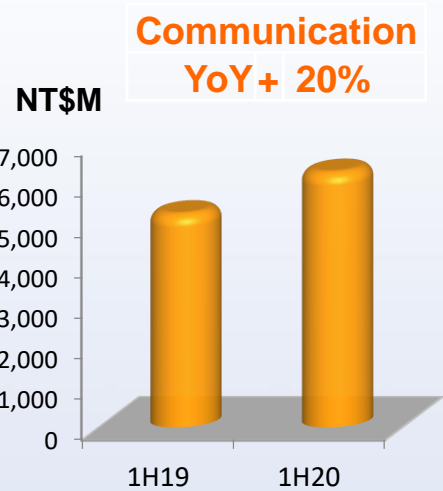
19H1



20H1



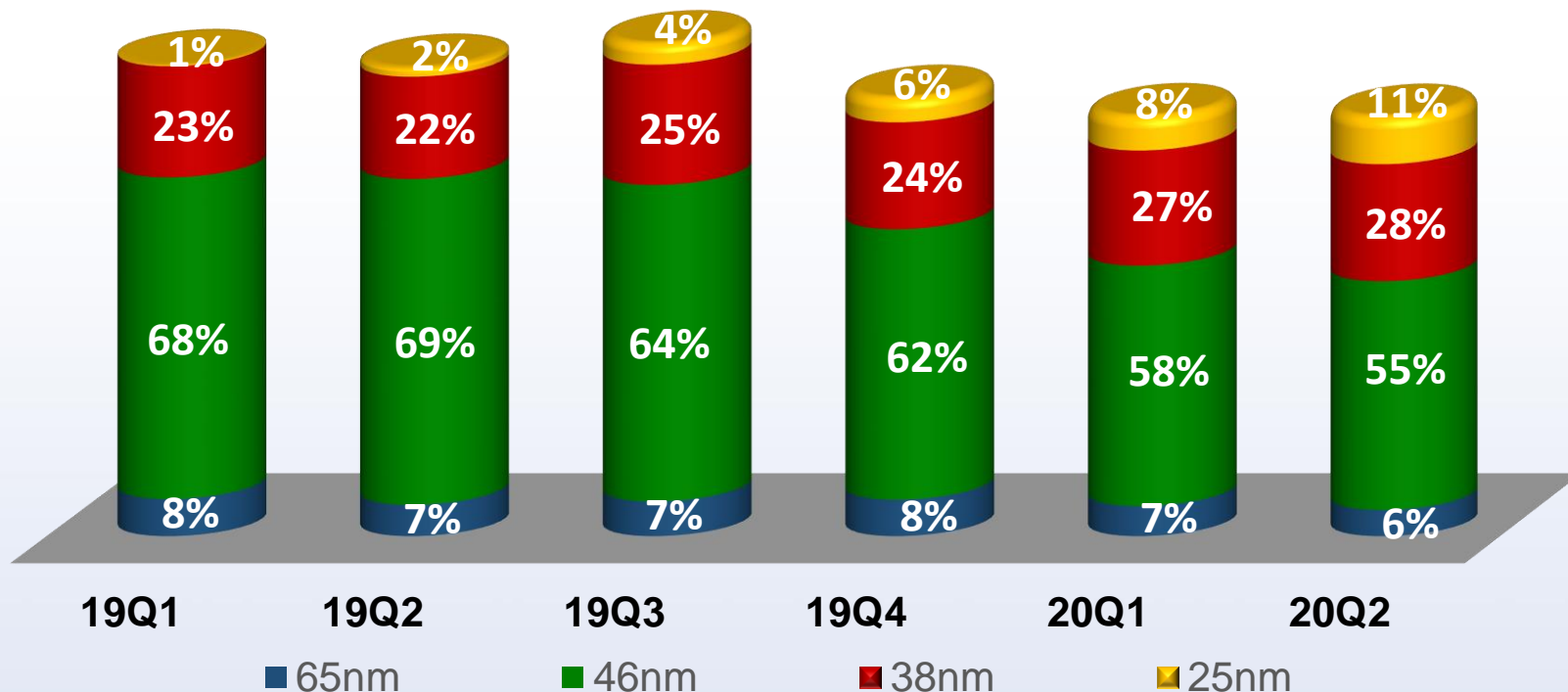
Note: Revenue excluded foundry and others





DRAM Memory Business

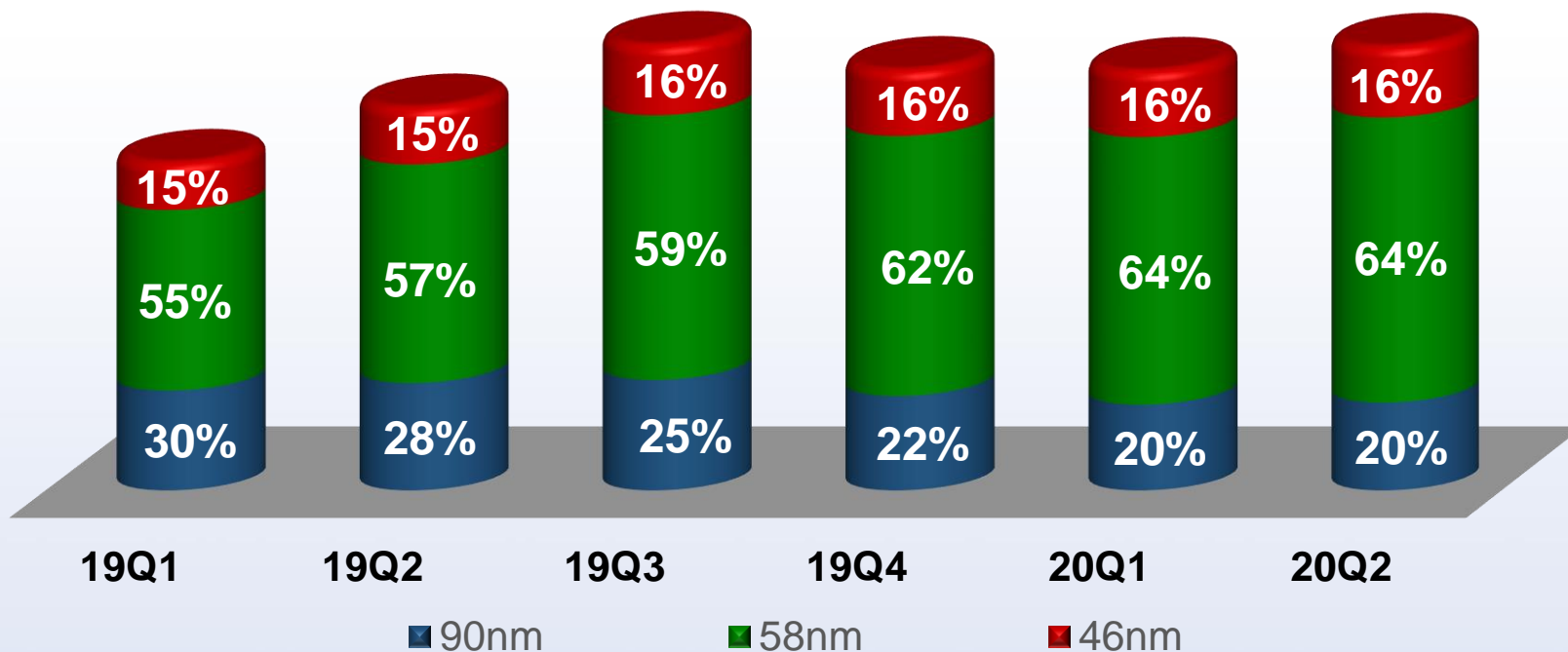
- ❑ 1H20 revenue decreased by low teens% YoY; bit shipment increased by high teens% YoY
- ❑ 25nm DRAM revenue will grow rapidly





Flash Memory Business

- ❑ 1H20 revenue was up more than +20% YoY
- ❑ Record high quantity shipment in Q2
- ❑ We are WW No.1 NOR Flash supplier for 2019
- ❑ SLC NAND price increased mid to high single digits % QoQ in 1H20





Market Recap and Outlook

❑ Recap

- ❖ Global pandemic: significant impact on the supply chain
- ❖ Demand/ Territory hit hardest: automotive and China market
- ❖ Paradigm shift (such as WFH): industrial and networking products to grow
- ❖ 1H20: strong in Server, NB (including Chromebook) and Networking

❑ Outlook

- ❖ Minor inventory adjustment in Q3; Momentum to pick up in Q4
- ❖ **DRAM**
 - Mixed outlook for 2H; Demand/supply remain balance under disciplined Capex
- ❖ **Code Storage Flash**
 - Supply of NOR and SLC NAND slightly exceed demand in 2H
- ❖ **Some applications still grow in 2H**
 - Flat: Server and Networking
 - Strong/ grow: NB, TV, Smartphone, TWS



Winbond Business and Outlook

❑ Business

- ❖ Demand and share in major customers remained solid
- ❖ Actions to COVID-19 and China-US conflict: Business diversification (customer, application and product)
- ❖ Innovative solutions: TrustME Secure Flash and QspiNAND Flash

❑ Technology

- ❖ 25 nm-shrink DRAM development: on track
- ❖ 4x nm NOR development: on track
- ❖ 2x nm SLC NAND: under development

❑ Kaohsiung Fab

- ❖ Construction: on track
- ❖ Equipment move-in: expected in 2022

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Thank You

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