



2H20 Investor Conference

Feb. 19th, 2021

winbond
We Deliver

- 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.

Agenda

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01 Financial Results

Jessica Huang - CFO

02 Business Recap & Outlook

Pei-Ming Chen - President

03 Q & A

Pei-Ming Chen & Jessica Huang

Financial Results

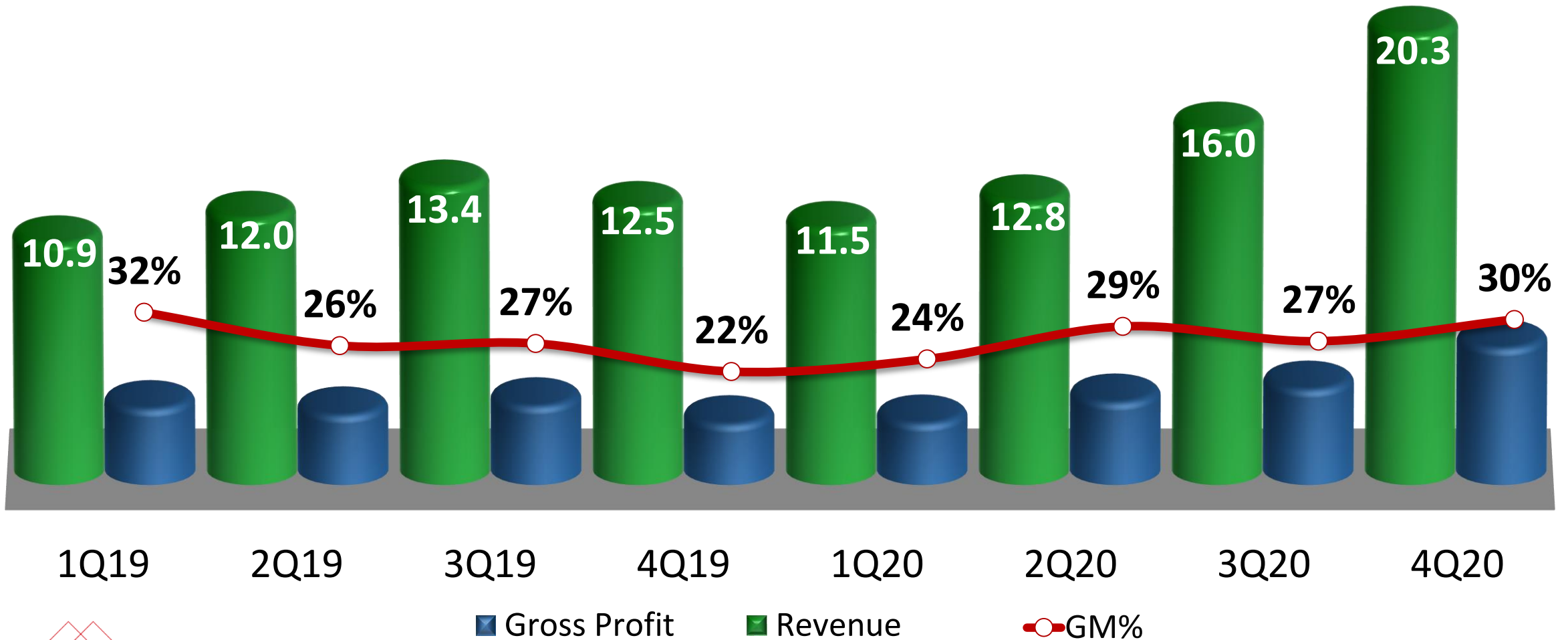
Statement of Comprehensive Income - Consolidated

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Unit: NT\$ M	4Q20	3Q20	QoQ	2020	2019	YoY
Net Sales	20,348	16,034	4,314	60,683	48,771	11,912
Gross Profit	6,192	4,323	1,869	17,040	12,914	4,126
Gross Margin	30%	27%		28%	26%	
Operating Income	607	113	494	1,627	1,255	372
Net Non-Operating Income (Loss)	(102)	377	(479)	185	497	(312)
Income Tax Benefit (Expense)	(120)	(113)	(7)	(293)	(275)	(18)
Net Income (Loss)	385	377	8	1,519	1,477	42
Earnings Per Share	0.09	0.08	0.01	0.33	0.32	0.01
EBITDA	3,135	2,472	663	11,090	10,033	1,057

Revenue and GM Trend - Consolidated

(NT\$ B)



Balance Sheet - Consolidated

Unit: NT\$ M	Dec. 31, '20	%	Jun. 30, '20	%	Dec. 31, '19	%
Cash	11,744	9%	12,559	12%	11,468	11%
Inventory(Net)	14,141	11%	10,583	10%	10,332	10%
Property, Plant and Equipment	61,453	49%	55,340	54%	56,977	54%
Total Assets	126,043	100%	103,541	100%	104,805	100%
L/T Liability	20,534	16%	20,868	21%	19,662	19%
Total Liabilities	55,450	44%	41,448	40%	40,948	39%
Shareholders' Equity	70,593	56%	62,093	60%	63,857	61%
Debt / Equity Ratio	0.79		0.67		0.64	
Current Ratio	1.87		2.29		2.14	

Statement of Cash Flow - Consolidated

Unit: NT\$ M	4Q20	3Q20	QoQ	2020	2019	YoY
Operating Cash Flow	4,536	2,268	2,268	11,118	10,576	542
Depreciation & Amortization	2,528	2,359	169	9,463	8,778	685
Investing Cash Flow	(1,349)	(9,967)	8,618	(14,844)	(14,636)	(208)
CAPEX	(2,024)	(3,224)	1,200	(8,356)	(13,431)	5,075
Financing Cash Flow	(588)	4,387	(4,975)	4,152	3,033	1,119
Net change	2,509	(3,323)	5,832	276	(1,092)	1,368
Cash & Equivalents	11,744	9,236	2,508	11,744	11,468	276

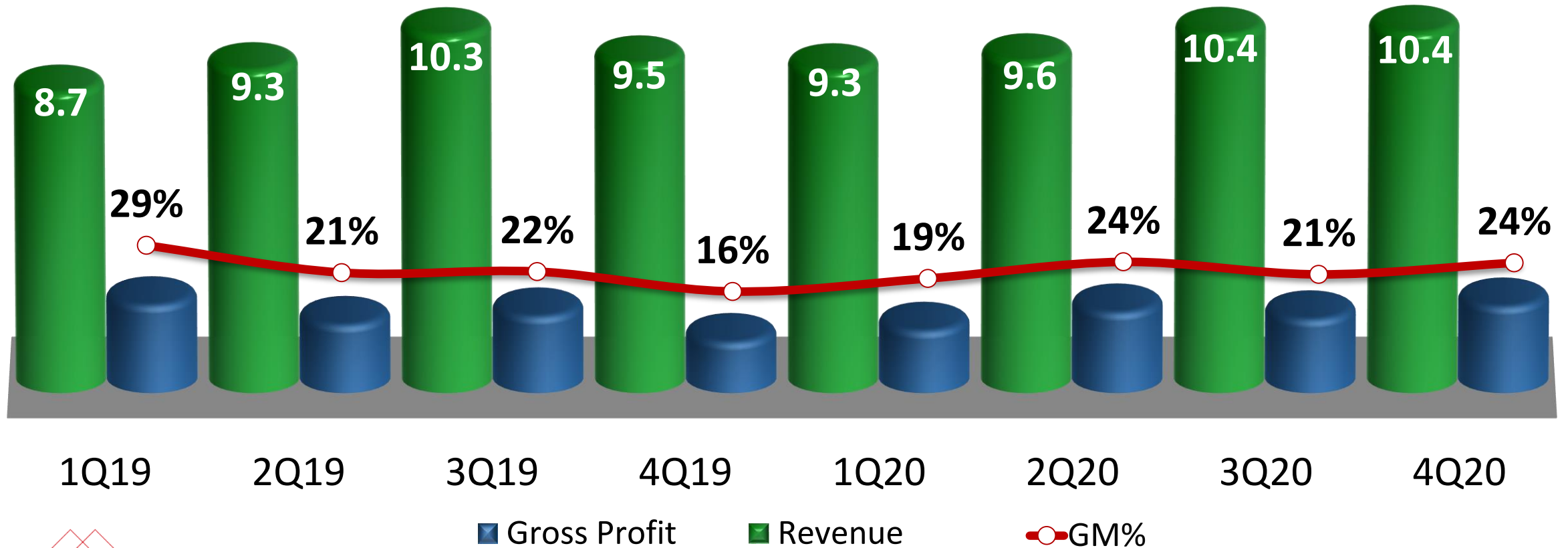
Statement of Comprehensive Income - Memory

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Unit: NT\$ M	4Q20	3Q20	QoQ	2020	2019	YoY
Net Sales	10,408	10,354	54	39,650	37,885	1,765
Gross Profit	2,514	2,142	372	8,807	8,239	568
Gross Margin	24%	21%		22%	22%	
Operating Income	576	132	444	1,091	379	712
Net Non-Operating Income (Loss)	(133)	208	(341)	259	980	(721)
Income Tax Benefit (Expense)	(93)	(9)	(84)	(46)	(103)	57
Net Income (Loss)	350	331	19	1,304	1,256	48
Earnings Per Share	0.09	0.08	0.01	0.33	0.32	0.01
EBITDA	2,748	2,282	466	9,736	8,738	998

Revenue and GM Trend - Memory

(NT\$ B)



Balance Sheet - Memory

Unit: NT\$ M	Dec. 31, '20	%	Jun. 30, '20	%	Dec. 31, '19	%
Cash	4,818	5%	4,824	5%	5,425	6%
Inventory(Net)	7,920	8%	8,705	9%	8,750	9%
Property, Plant and Equipment	54,399	54%	54,083	57%	55,691	57%
Total Assets	100,053	100%	94,564	100%	98,249	100%
L/T Liability	17,826	18%	18,362	19%	19,162	19%
Total Liabilities	34,604	35%	35,285	37%	37,228	38%
Shareholders' Equity	65,449	65%	59,279	63%	61,021	62%
Debt / Equity Ratio	0.53		0.60		0.61	
Current Ratio	1.96		1.86		1.80	

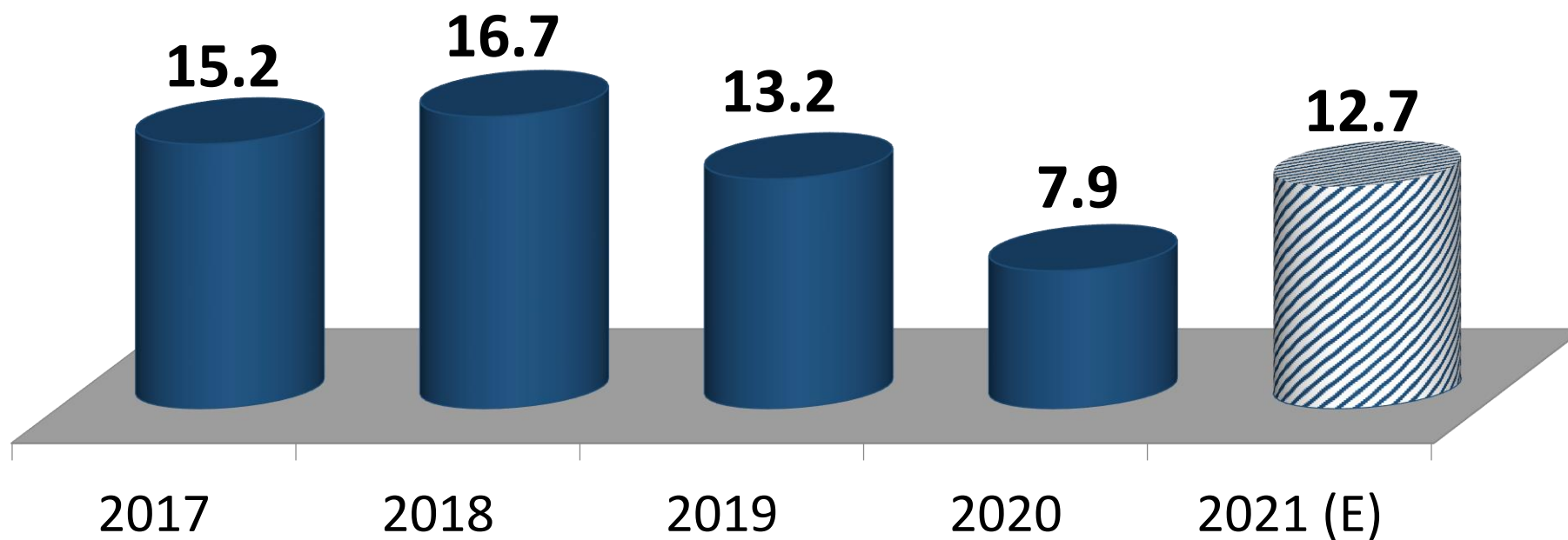
Statement of Cash Flow - Memory

Unit: NT\$ M	4Q20	3Q20	QoQ	2020	2019	YoY
Operating Cash Flow	4,187	1,645	2,542	9,971	10,131	(160)
Depreciation & Amortization	2,172	2,150	22	8,645	8,359	286
Investing Cash Flow	(2,799)	(2,723)	(76)	(8,654)	(15,619)	6,965
CAPEX	(1,860)	(3,033)	1,173	(7,885)	(13,159)	5,274
Financing Cash Flow	(787)	471	(1,258)	(1,924)	1,528	(3,452)
Net change	601	(607)	1,208	(607)	(3,960)	3,353
Cash & Equivalents	4,818	4,217	601	4,818	5,425	(607)

Y2020 Memory CAPEX

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(NT\$ B)



Cash Basis, as of Jan. 31th, 2021

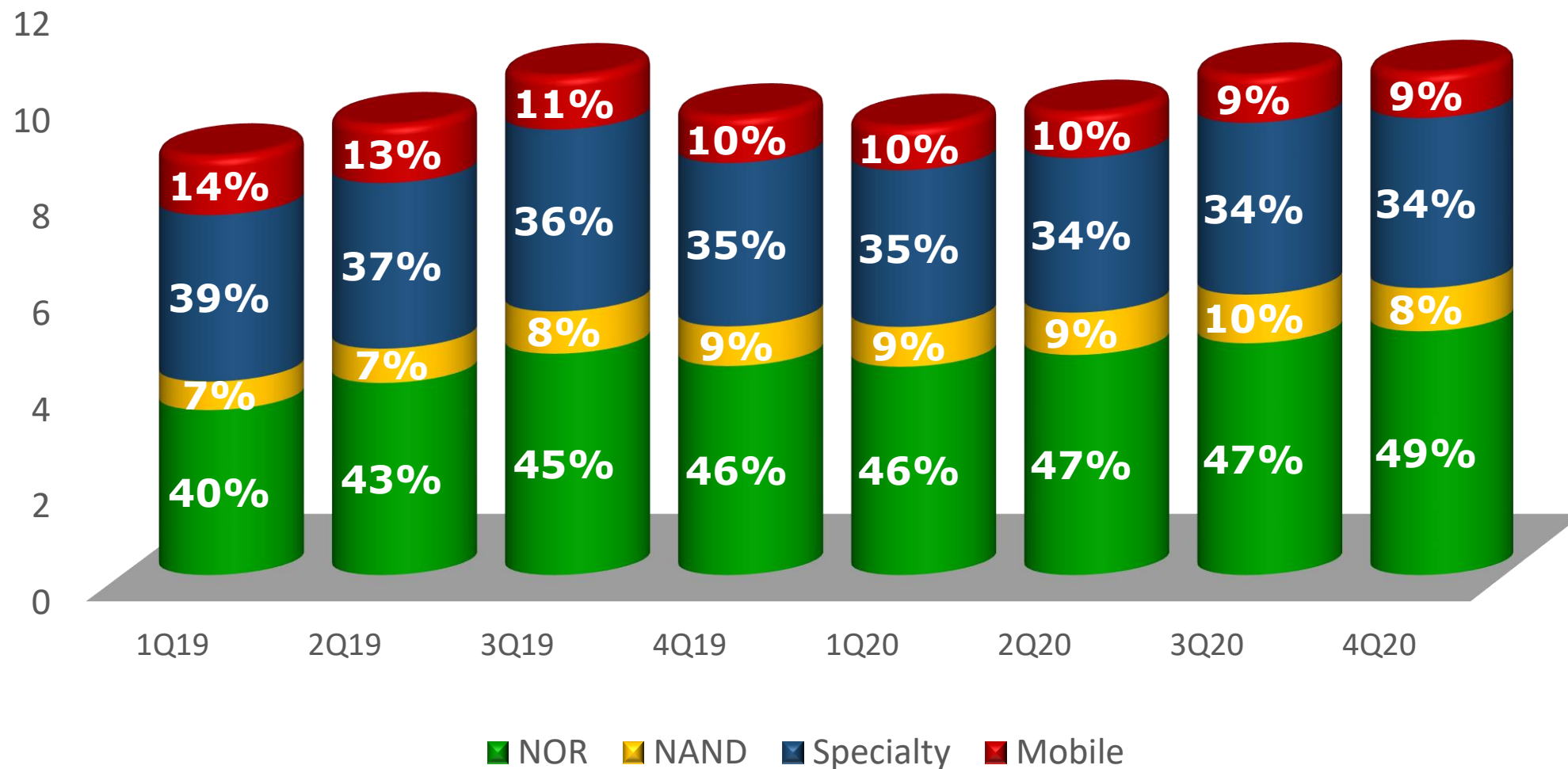
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Business Recap & Outlook

4Q20 Revenue Breakdown by Product

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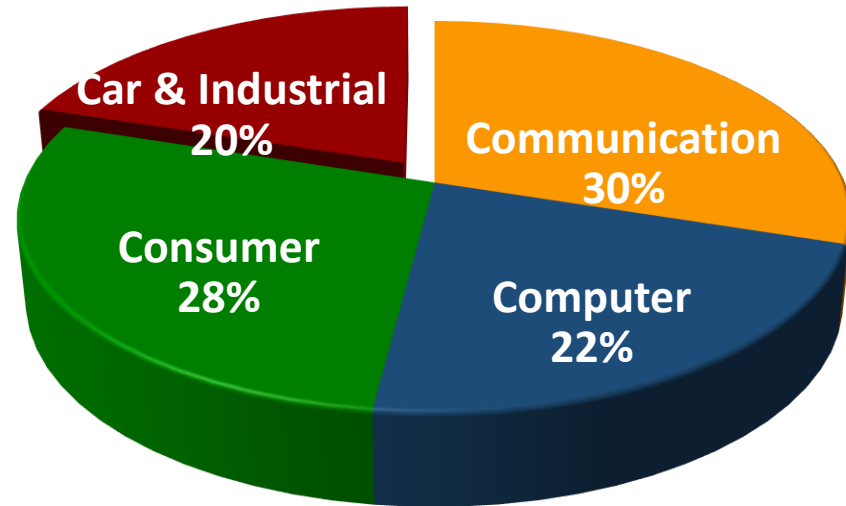
(NT\$ B)



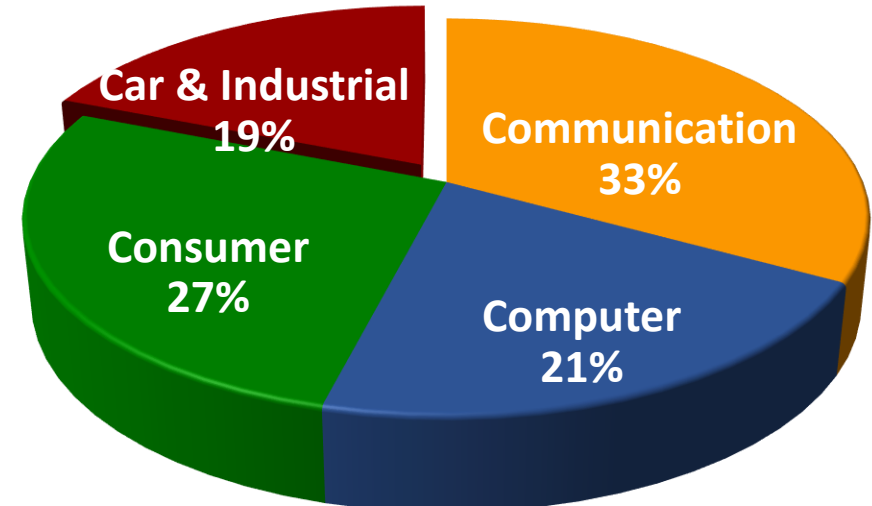
Revenue Breakdown by Application

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2019

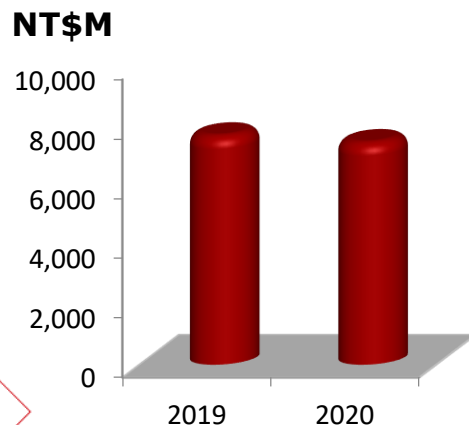


2020

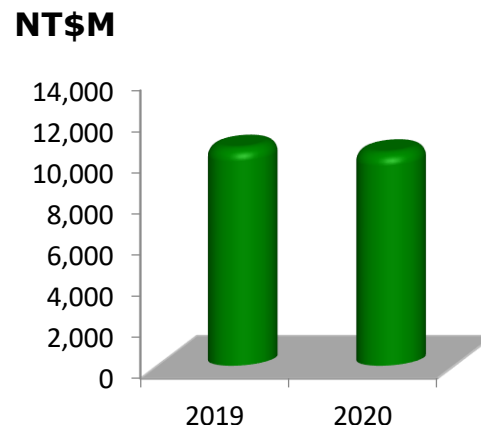


Note: Rev excluded foundry and others

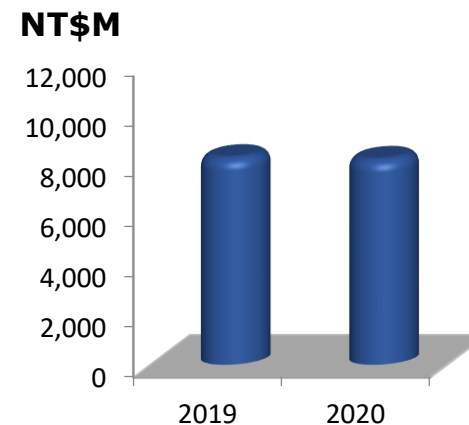
Car & Industrial
YoY - 3%



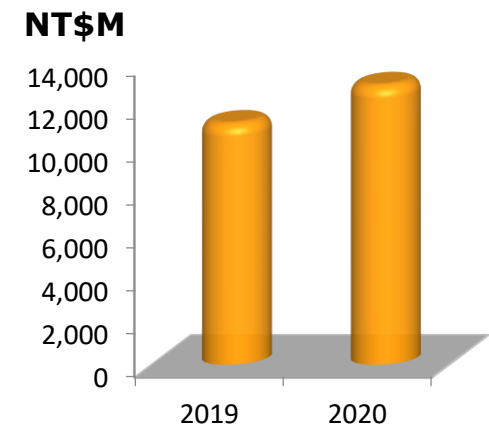
Consumer
YoY - 2%



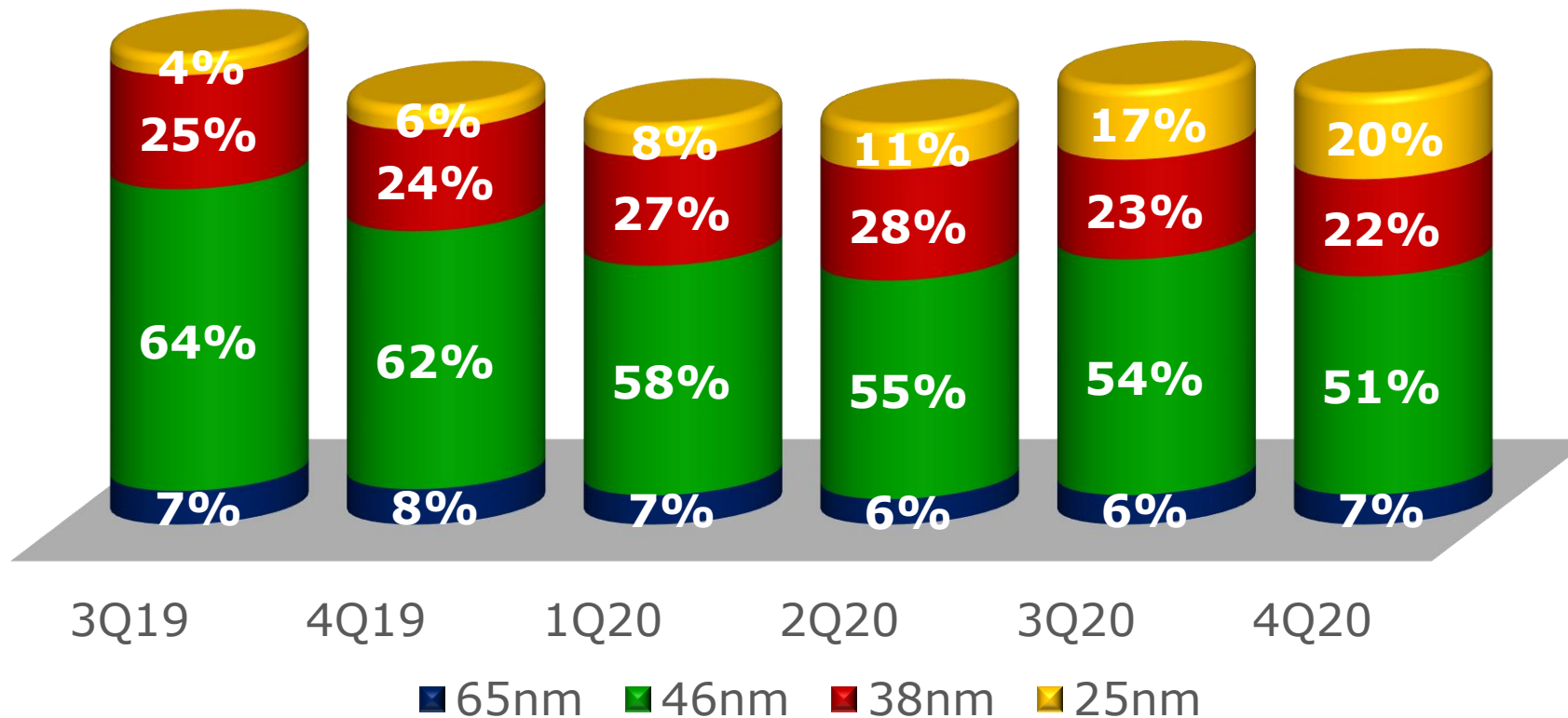
Computer
YoY - 1%



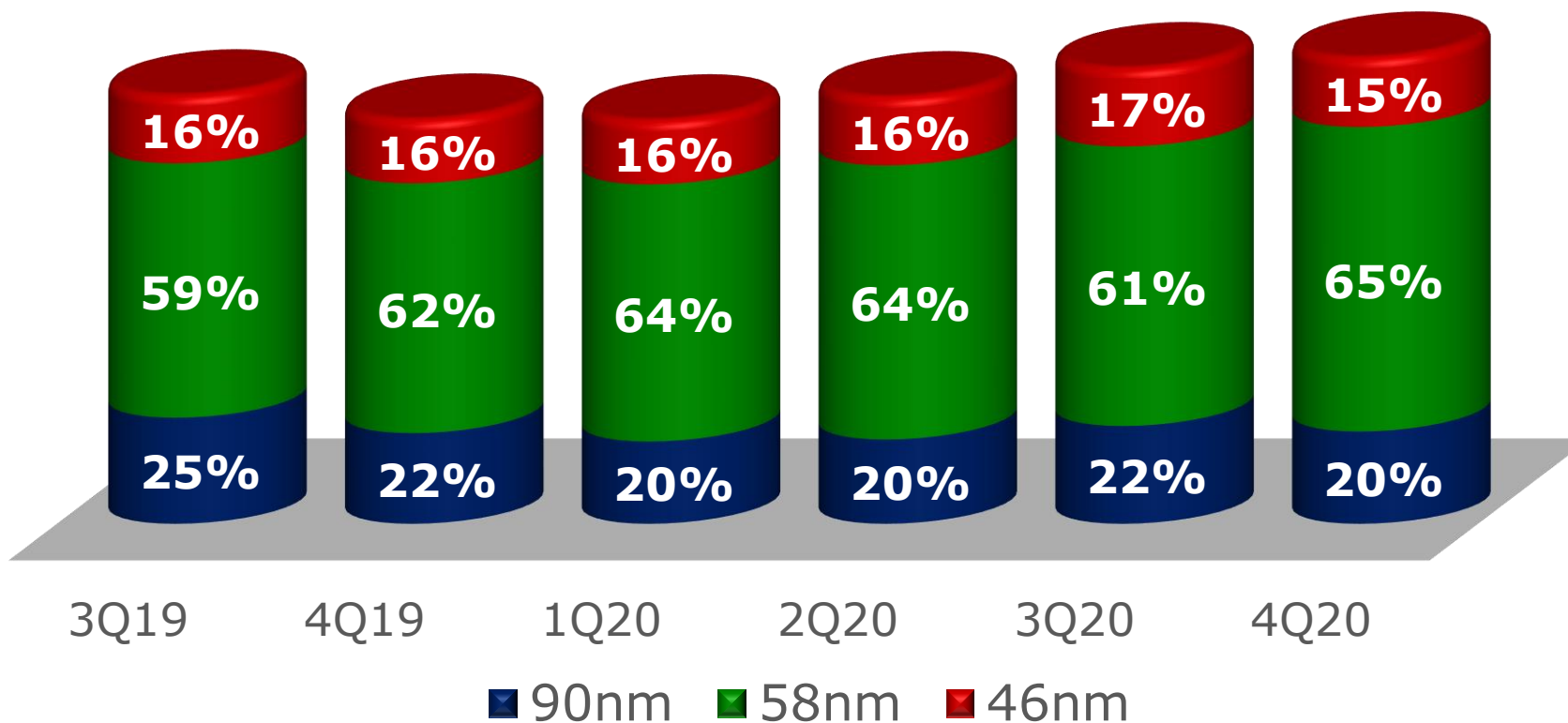
Communication
YoY + 16%



- ❑ Revenue decreased by mid-single digits % YoY
- ❑ Bit shipment increased by high-teens % YoY
- ❑ 25nm DRAM revenue steadily increased



- ❑ Both revenue and shipment hit record highs
- ❑ ASP remained flat YoY
- ❑ Winbond remained No.1 NOR Flash supplier worldwide



- ❖ Expanded Fab capacity from 54K to 57K wafers per month
- ❖ The production yield of 25nm DRAM has reached a mature level
- ❖ Launched the W77Q (32 Mbit) TrustME® Secure Serial Flash memory
- ❖ Low Power DRAM and HyperRAM have been successfully adopted in various AI edge computing applications

❑ Specialty DRAM

- ❖ Limited Supply: Major suppliers continued to convert DRAM capacity to CIS
- ❖ Growing Demand: WiFi6, AIoT, ADAS, Wearable, and Game console

❑ Code Storage Flash

- ❖ Tight Supply: The situation may continue through 2H'21 for both NOR and SLC NAND
- ❖ Growing Demand: TWS, Wearable, Networking, PC, and TV

❑ Overall Market

- ❖ Along with the economic recovery, 5G/ AI/ IoT demand is expected to rise
- ❖ Memory industry is entering into a new up-cycle
- ❖ Global politics and COVID-19 are expected to add uncertainties for the memory market

❑ Winbond Business

- ❖ Supply increase: Continue to transfer products to new process nodes
- ❖ Innovative solutions: HyperRAM and TrustME® Secure Serial Flash
- ❖ Kaohsiung fab: Equipment move-in in 1H'22

Q & A



Thank you