



UDE

Business Review and Outlook

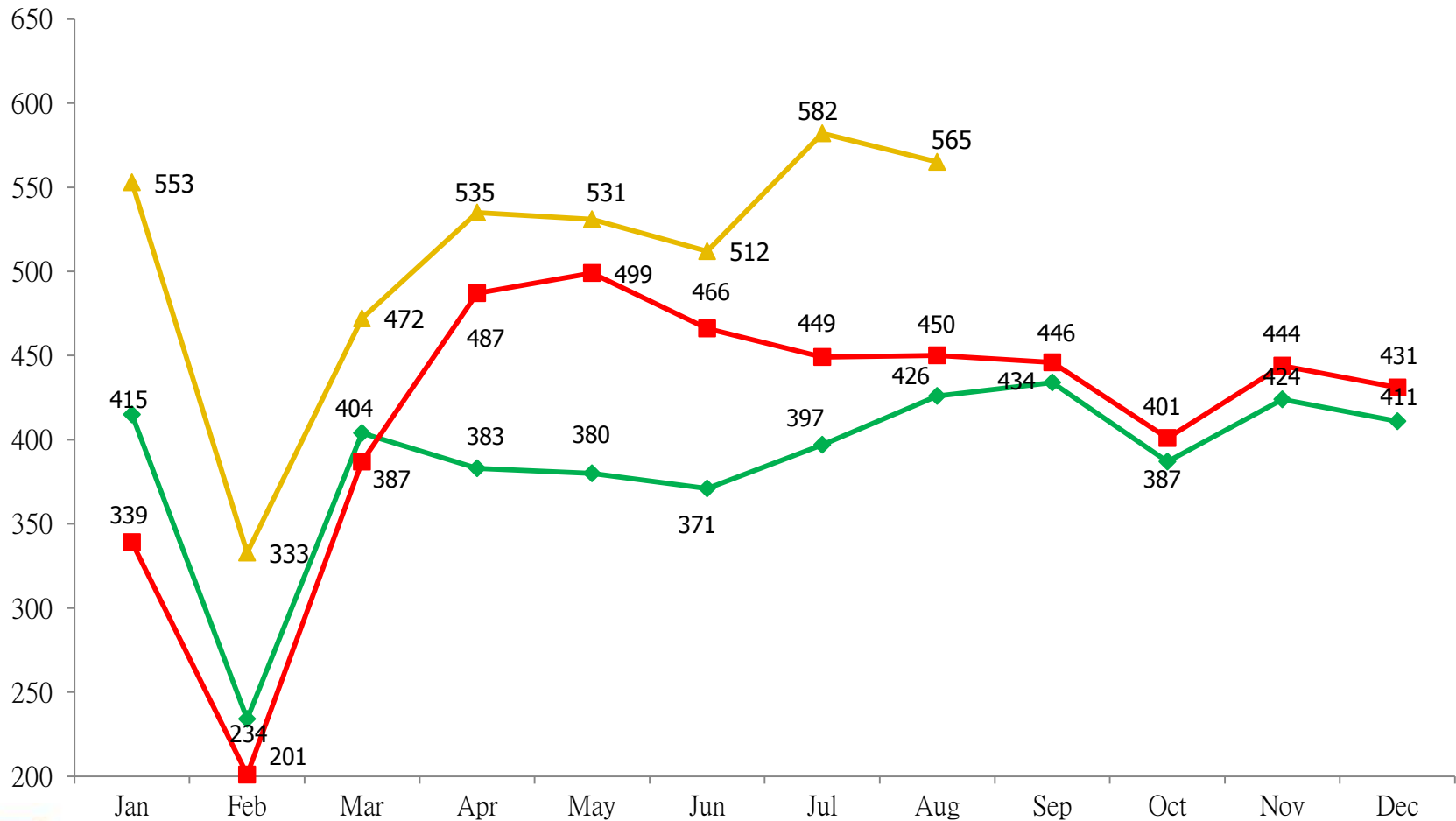
Gary Chen

Sep 2021

Monthly Revenue Trend

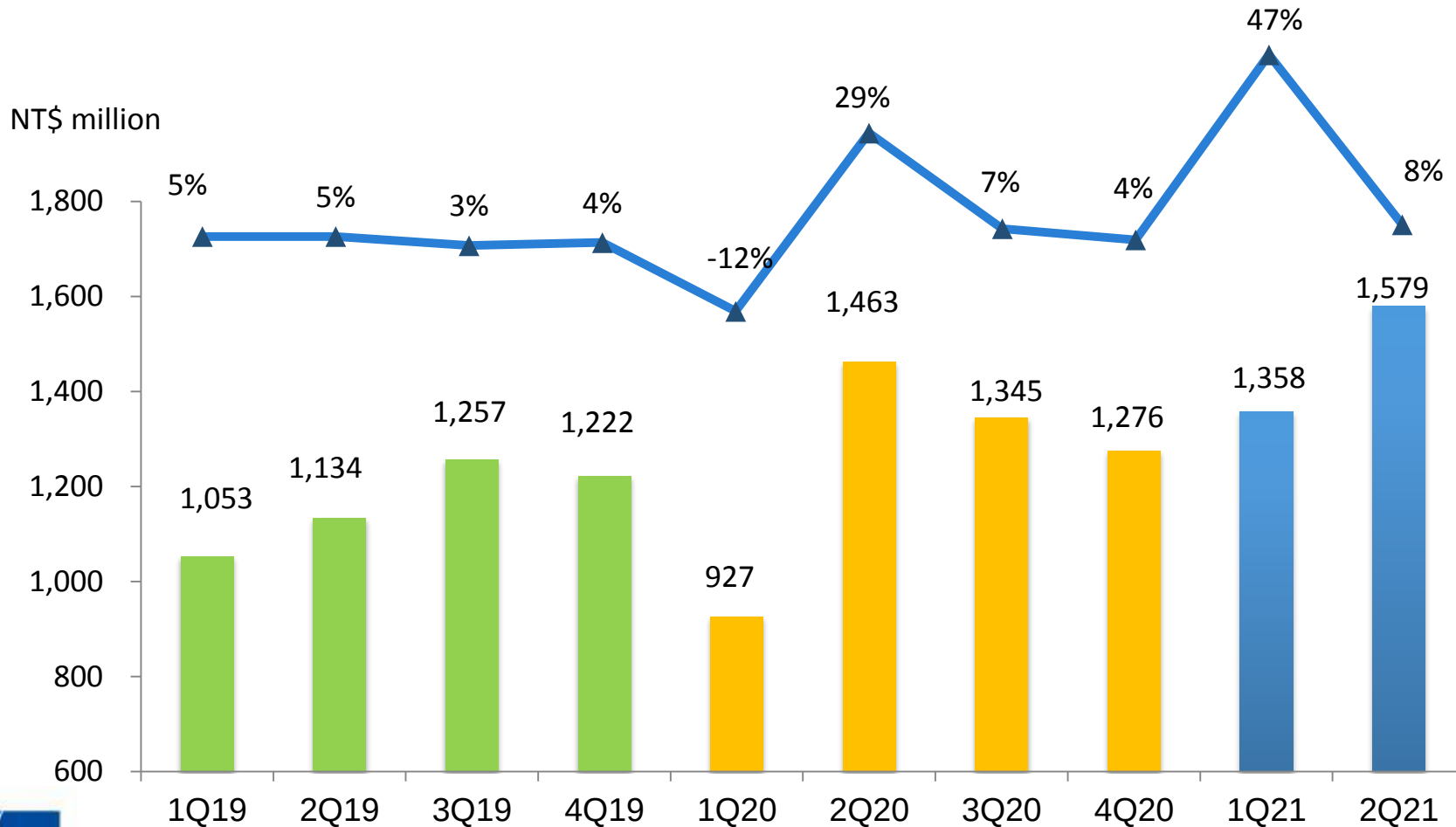
NT\$ million

◆ 2019 ■ 2020 ▲ 2021



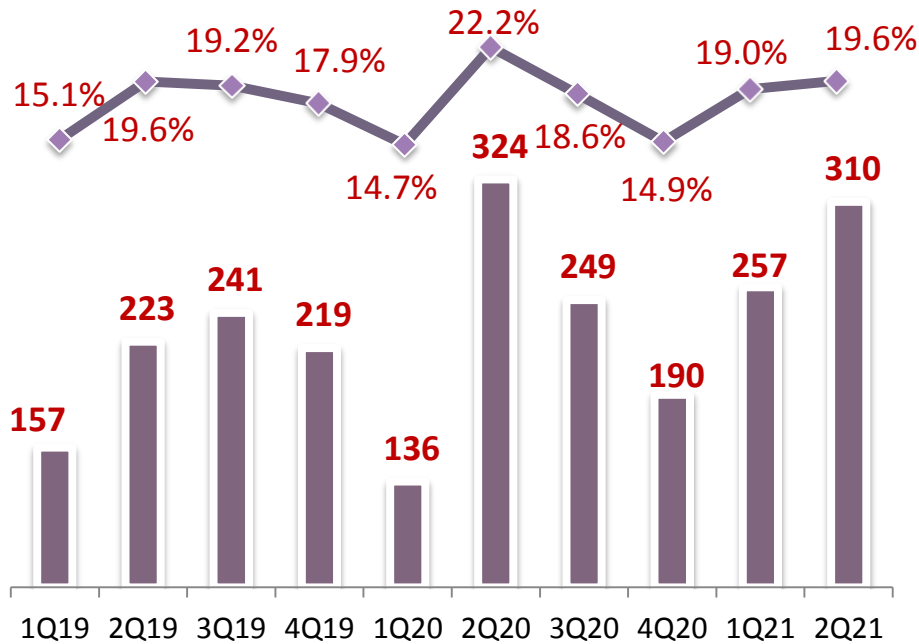
Quarterly Revenue Trend

YoY Growth

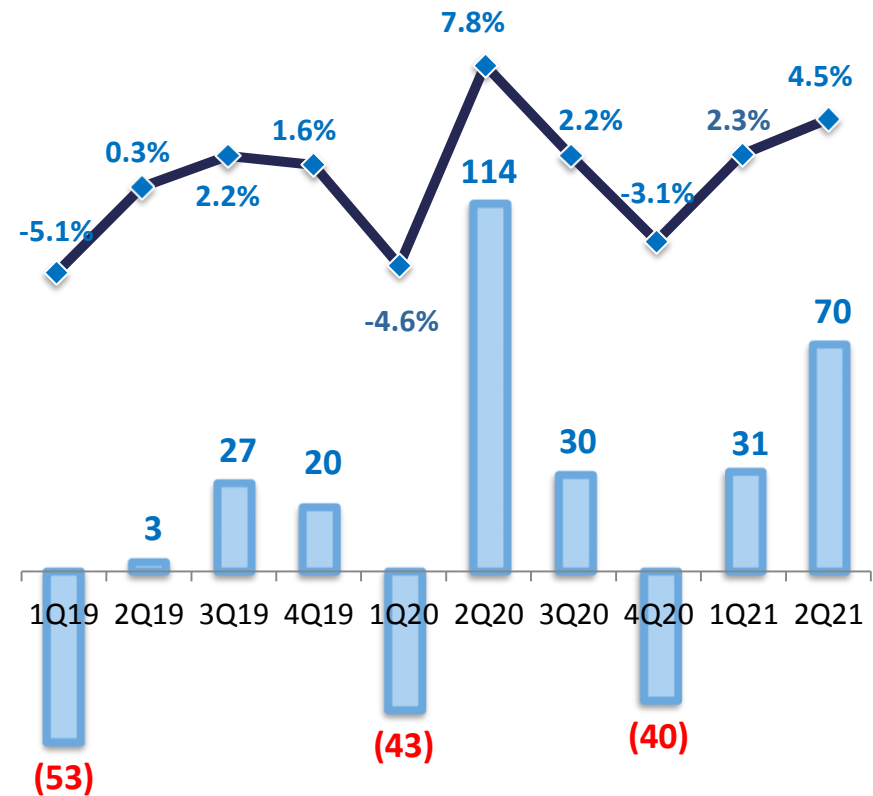


Gross Profit and Operating Profit

Gross Margin %



Operating Margin %



Gross Profit NT\$ million

Operating Profit NT\$ million

1H21 Income Statement

NT\$ million	1H21	1H20	YoY%
Revenue	2,936.6	2,390.6	23.0
Gross Profit	567.5	460.3	23.0
Operating Expenses	(466.1)	(389.1)	(20.0)
Operating Profit(loss)	101.4	71.1	43.0
Foreign exchange gain/(loss)	2.8	(1.7)	263.0
Non Operating Income/(Loss)	19.9	21.4	(7.0)
Income Before Tax	124.1	90.8	37.0
Taxes	(10.6)	(17.0)	38.0
Non-controlling Interests	5.2	(17.2)	130.0
Net Income to Parent	108.2	90.8	19.0
EPS (NT\$)	1.55	1.30	19.0

Key Financial Ratios (%)

Gross Margin	19.3	19.3
Operating Expense Ratio	(15.9)	(16.3)
Operating Margin(loss)	3.5	3.0
Net Margin to Parent	3.7	3.8

Other Information

Effective Tax Rate (%)	(8.6)	(18.7)
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2Q21 Balance Sheet

NT\$ million	2Q21	%	2Q20	%	1Q21	%
TOTAL ASSETS	5,823.5	100	5,769.9	100	5,886.2	100
Cash	421.2	7	767.7	13	744.7	13
NR & AR	1,722.1	30	1,546.4	27	1,540.9	20
Inventory	1,429.5	25	1,076.5	19	1,314.4	19
Property, plant and equipment	1,639.8	28	1,688.4	29	1,667.4	29
TOTAL LIABILITIES	3,196.5	55	3,198.3	55	3,292.5	50
Bank Loans	1,263.0	22	1,515.9	26	1,479.5	26
NP & AP	700.7	12	478.7	8	642.2	7
Other Payables	802.5	14	726.5	13	736.8	10
Bonds Payable	287.2	5	287.8	5	285.9	5
TOTAL EQUITY TO PARENT	2,578.4	44	2,534.1	44	2,544.4	43
Capital	696.8	12	696.8	12	696.8	12

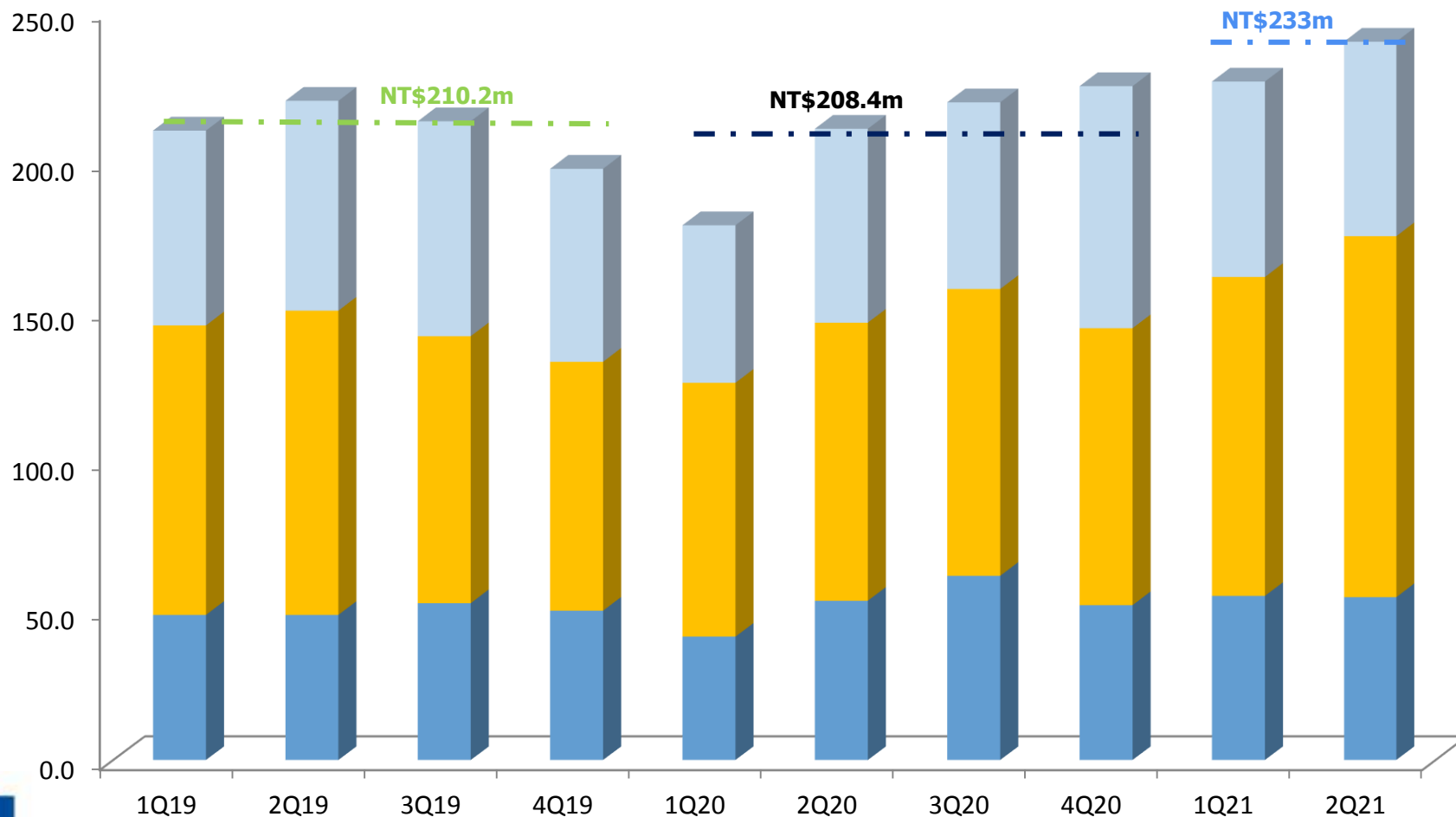
Key Financial Ratios (%)

Current Ratio	134	130	130
Debt Ratio	55	55	56
Book Value (NT\$/share)	37	36	37

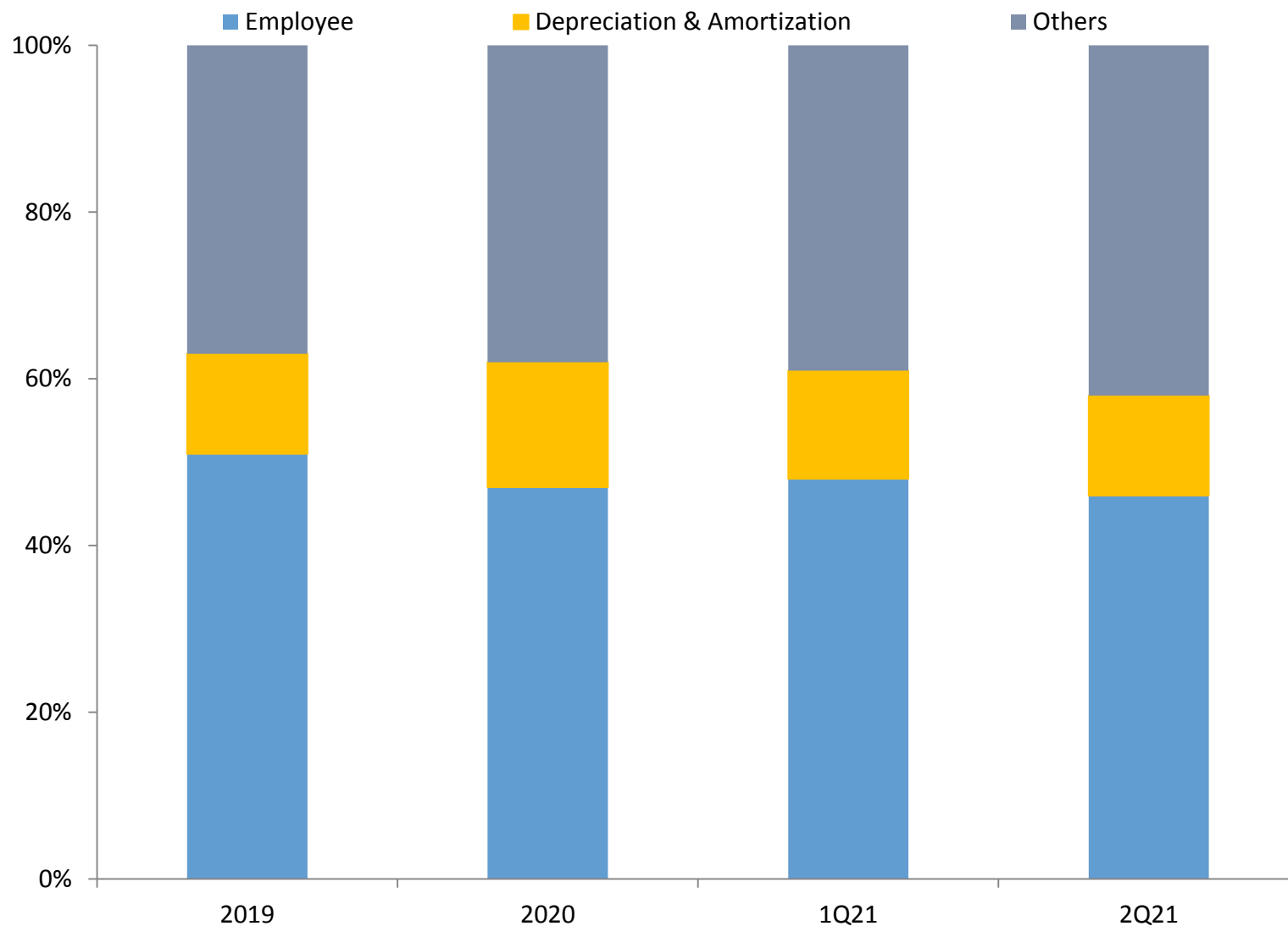
Operating Expenses by Function

NT\$ million

Selling G&A R&D



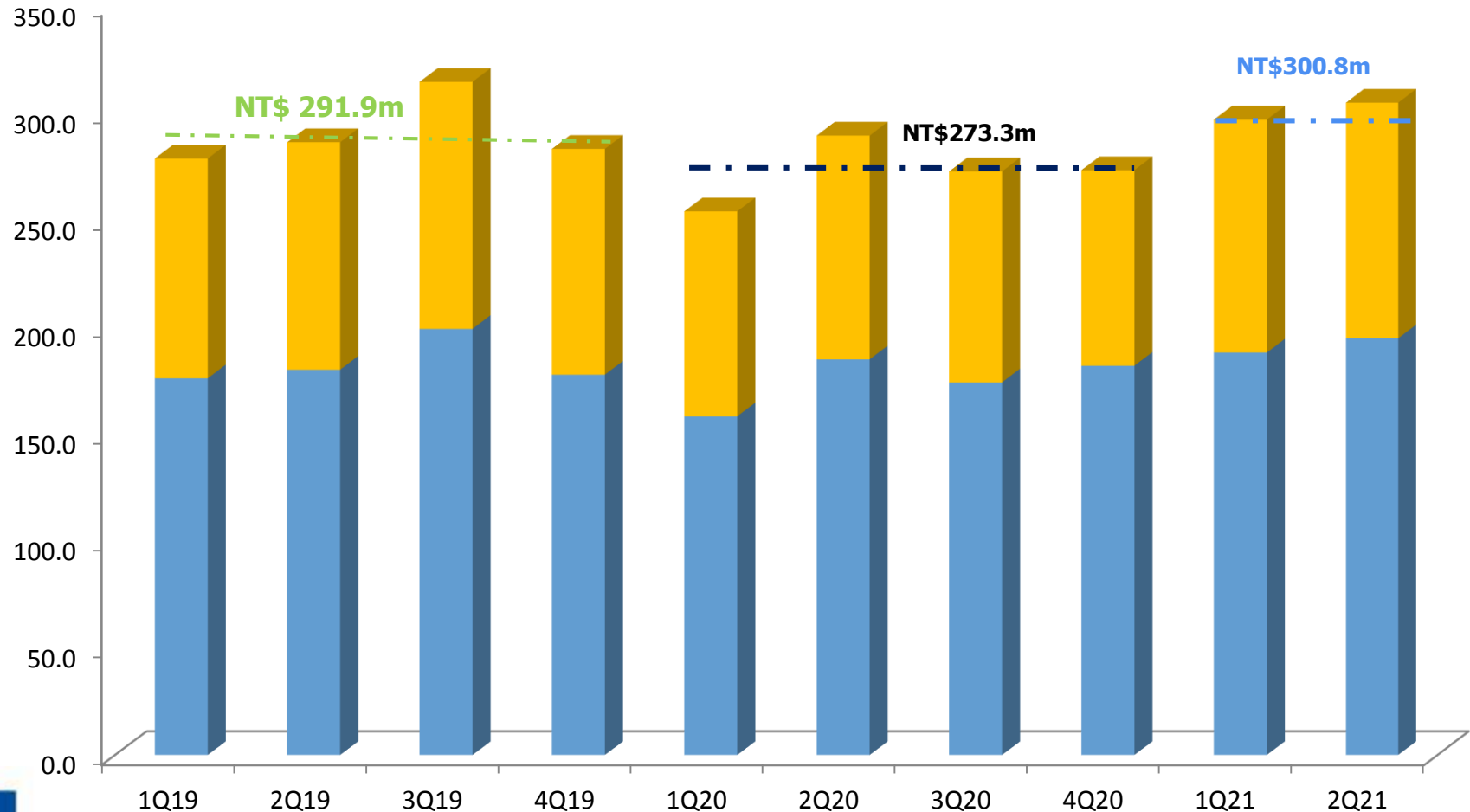
Operating Expenses Structure



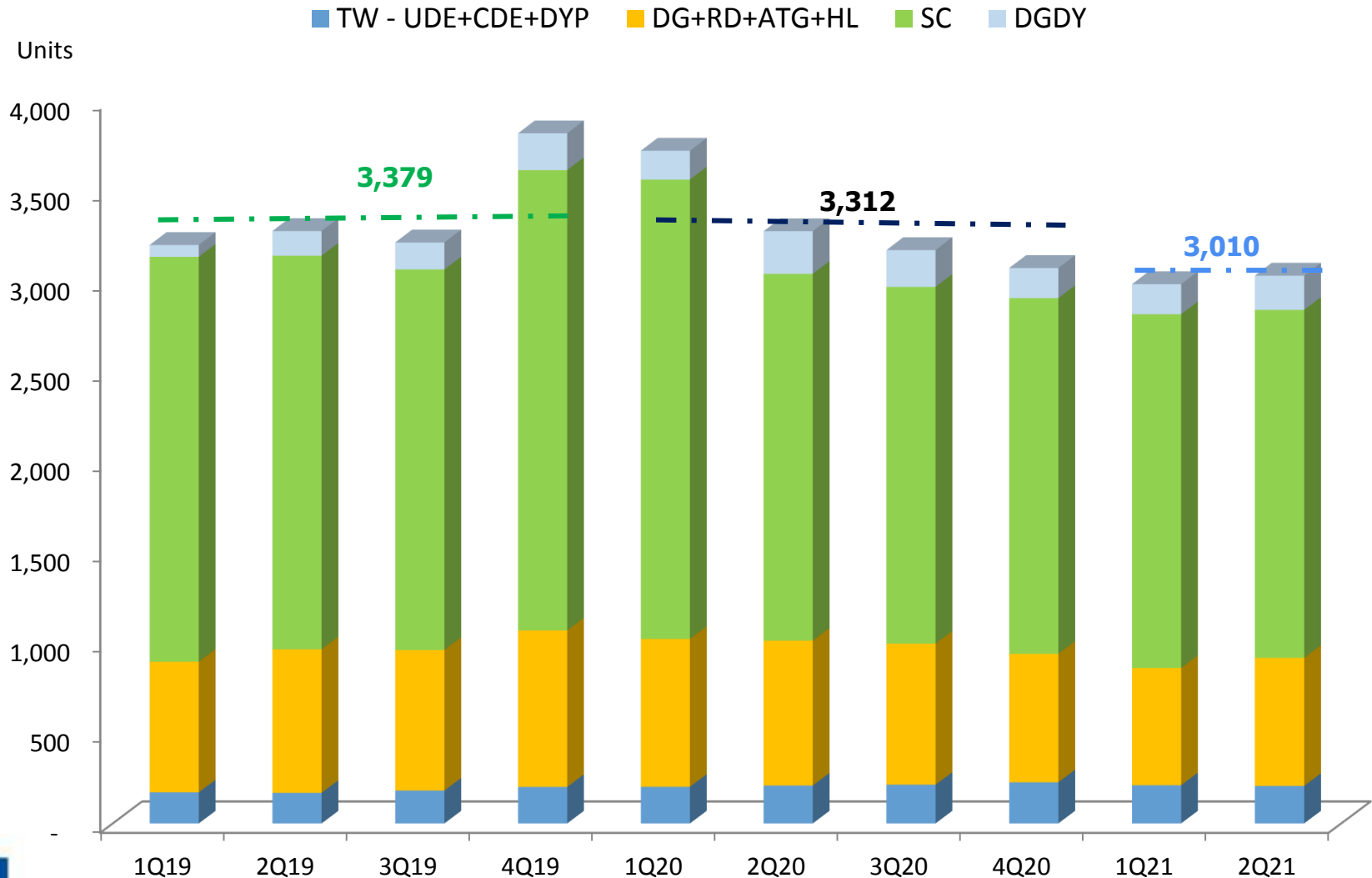
Manpower Costs & Expenses

NT\$ million

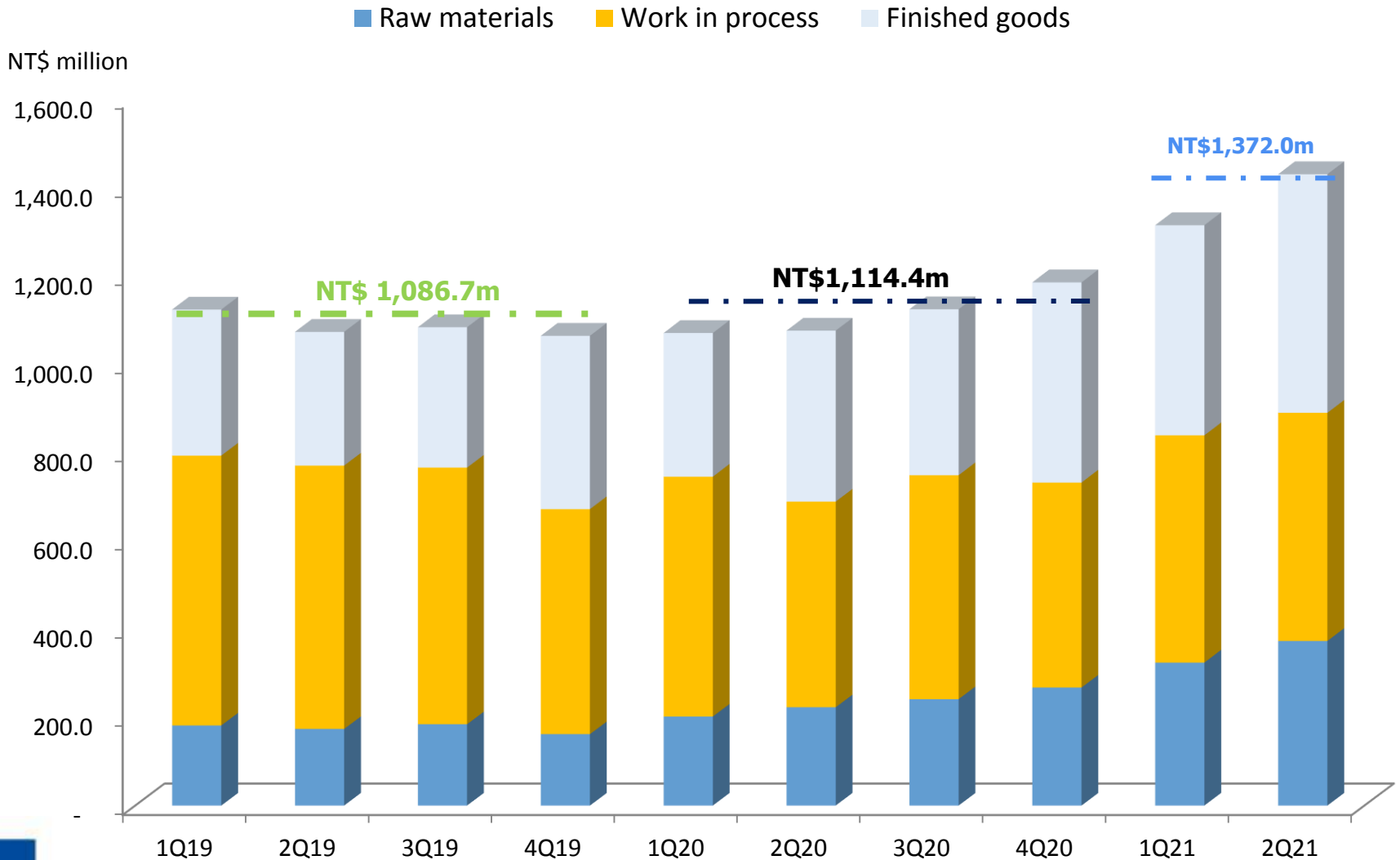
■ Operating cost ■ Operating expenses



Manpower by location



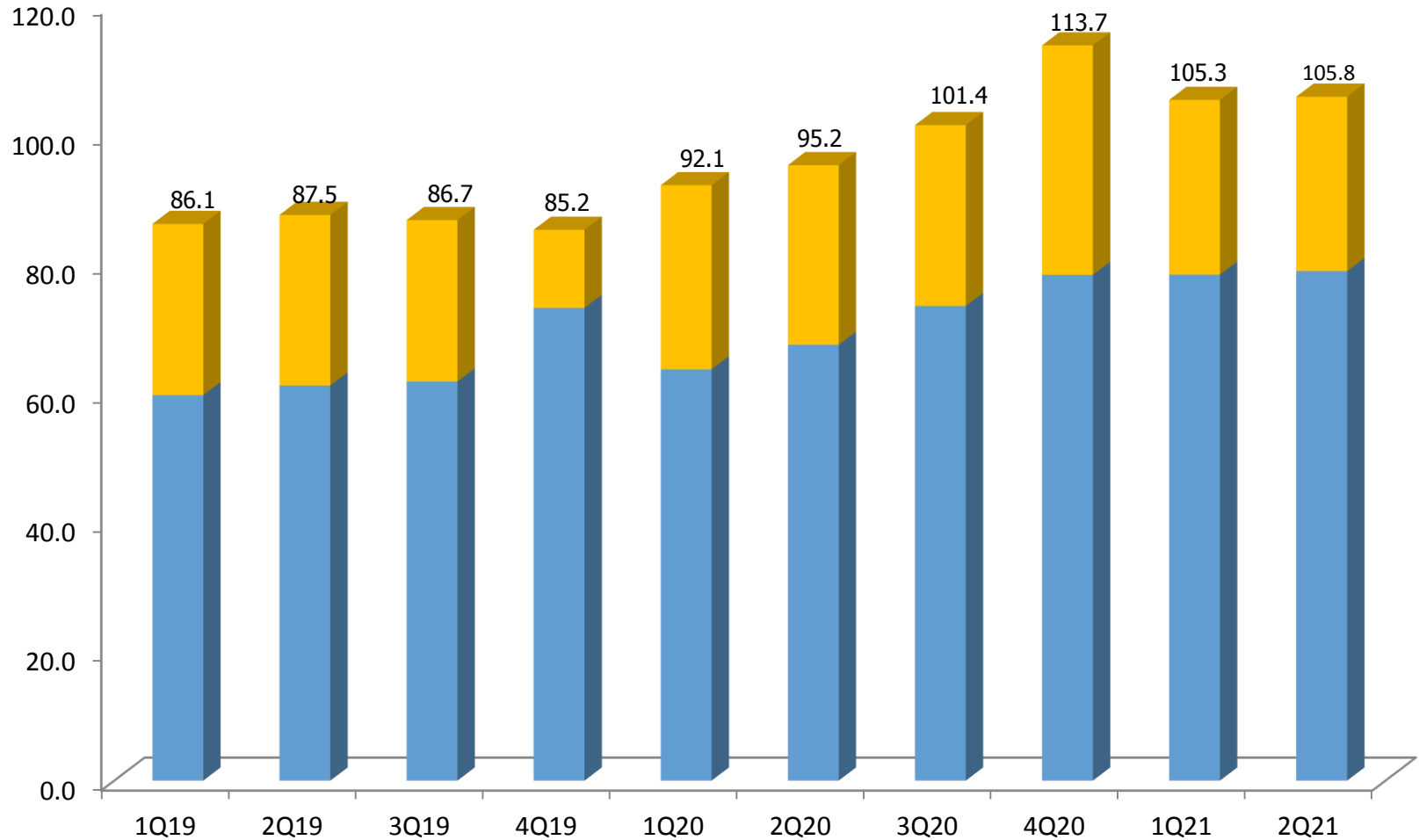
Inventory



Depreciation & Amortization

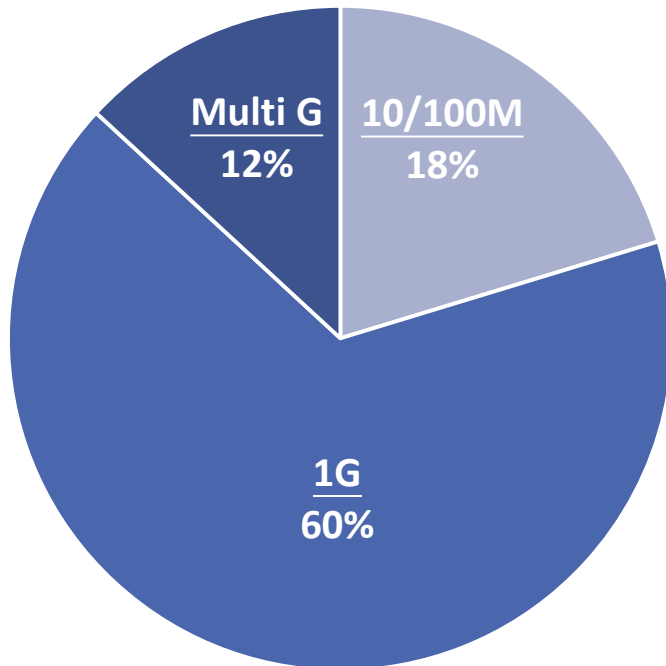
NT\$ million

■ Operating costs ■ Operating expenses

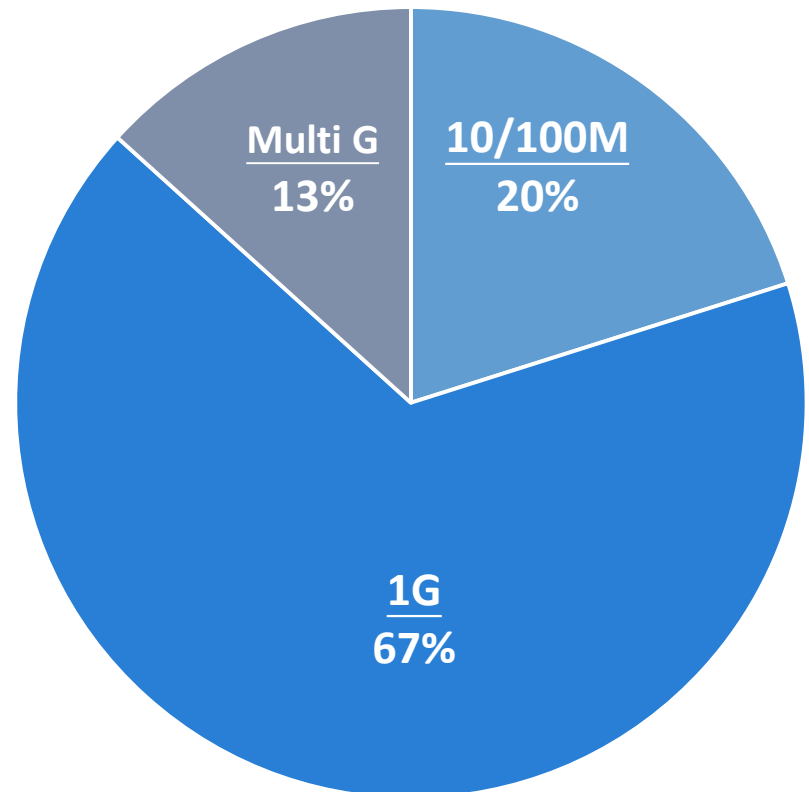


Sales breakdown by product line

1H 2020

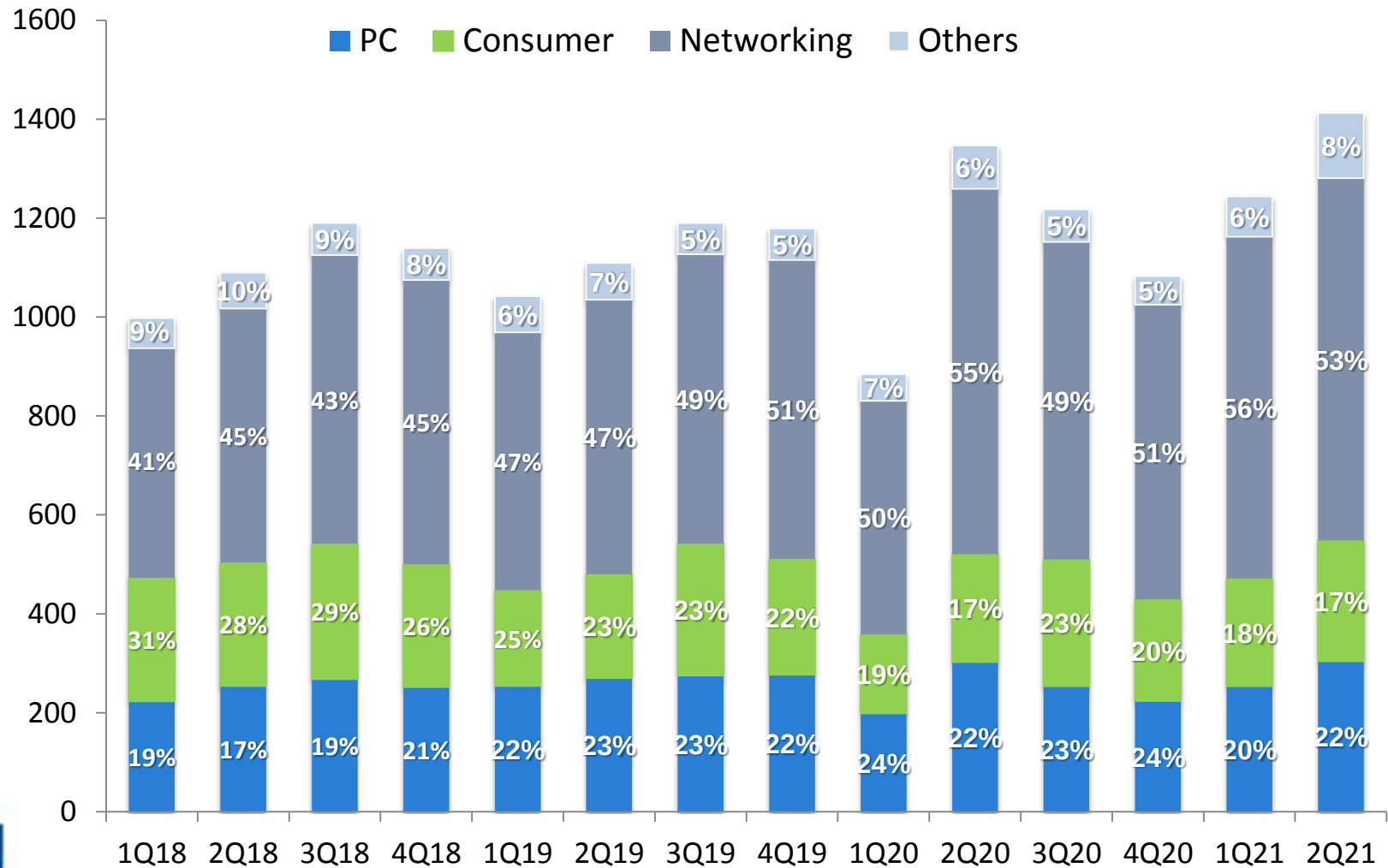


1H 2021

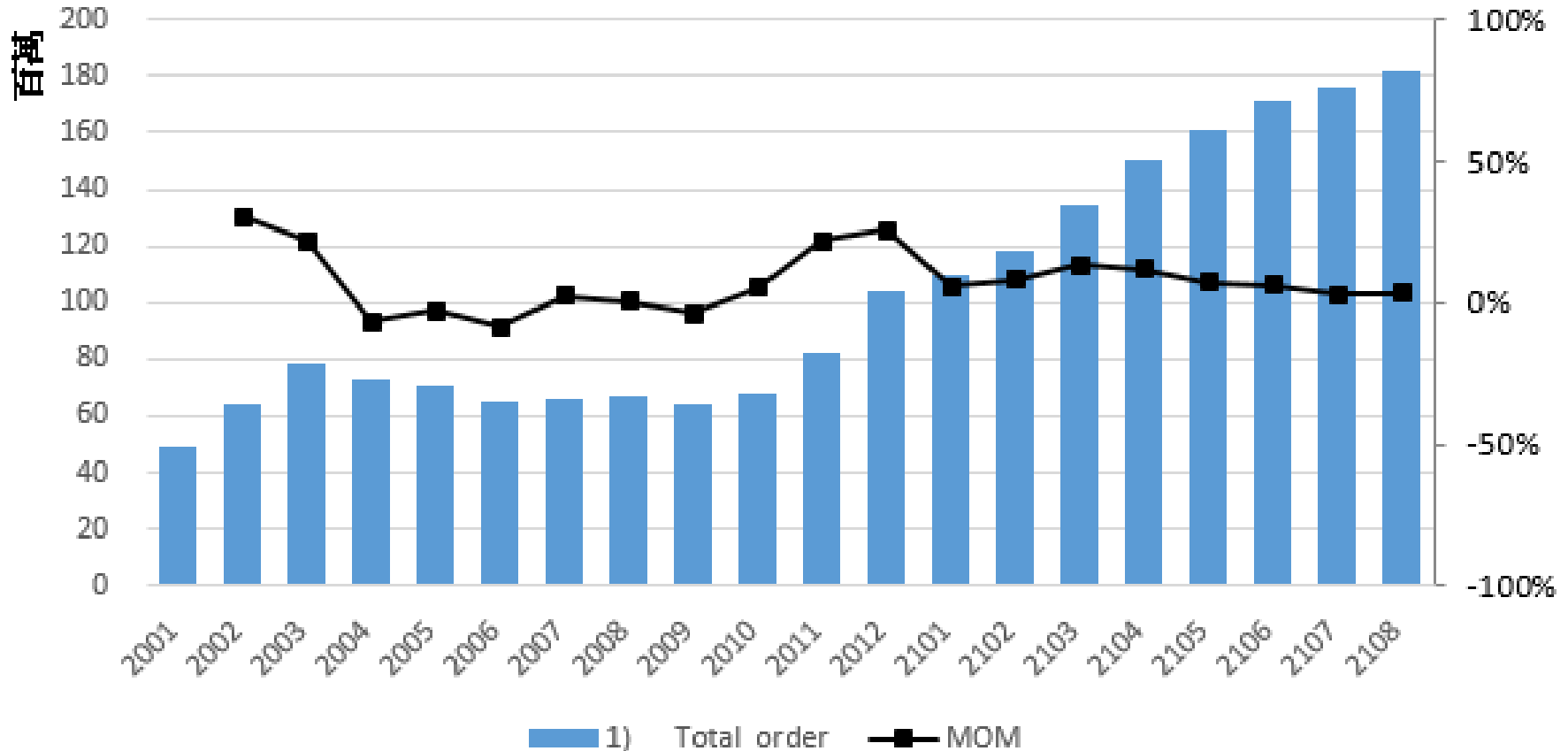


Sales Breakdown by Main Application-RJ45 Related

NT\$ million



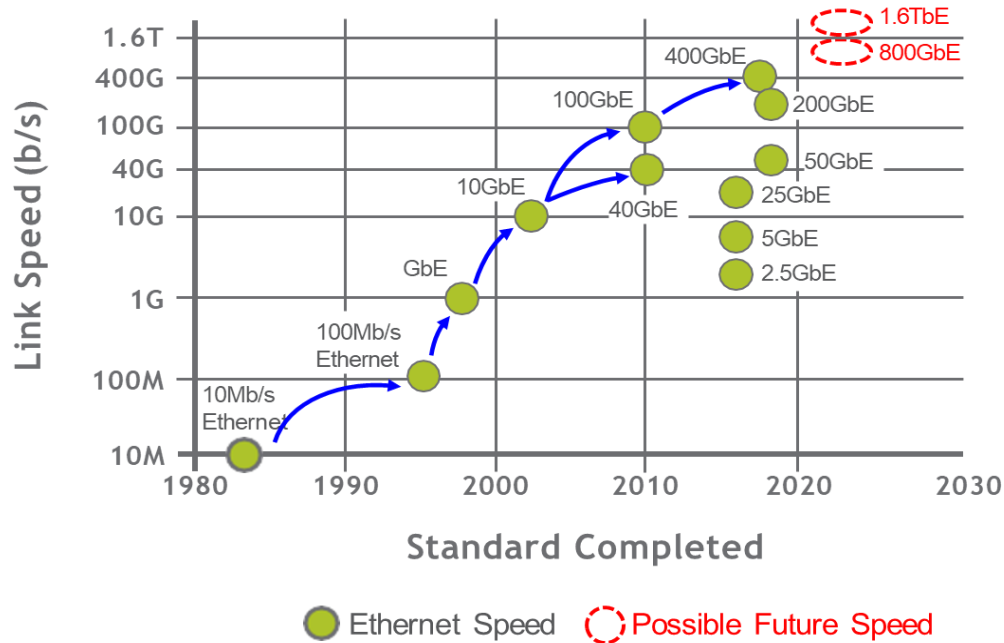
Open POs



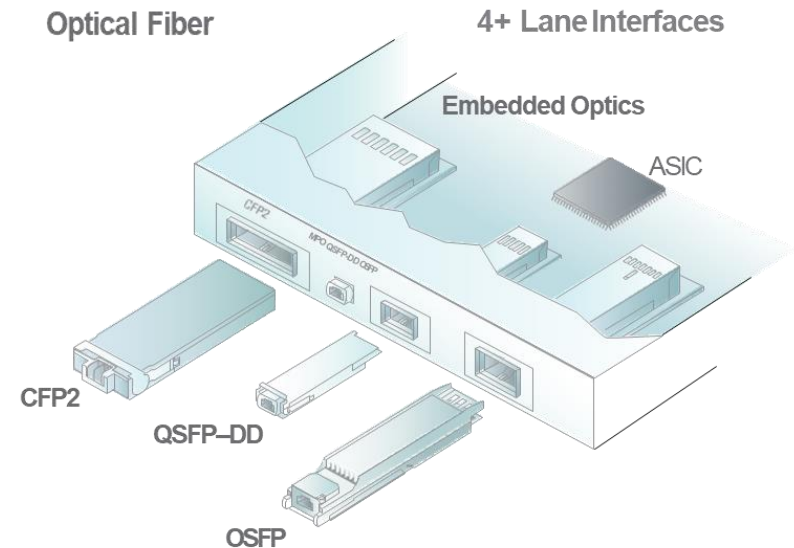
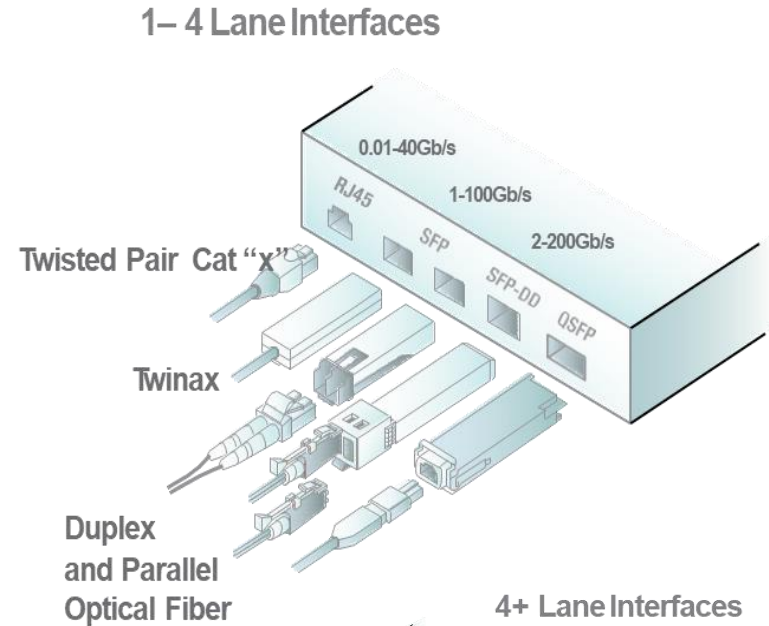
Aug. 2021 181KK Ports.

Market Outlook

Ethernet Speeds



Form Factors



PoE

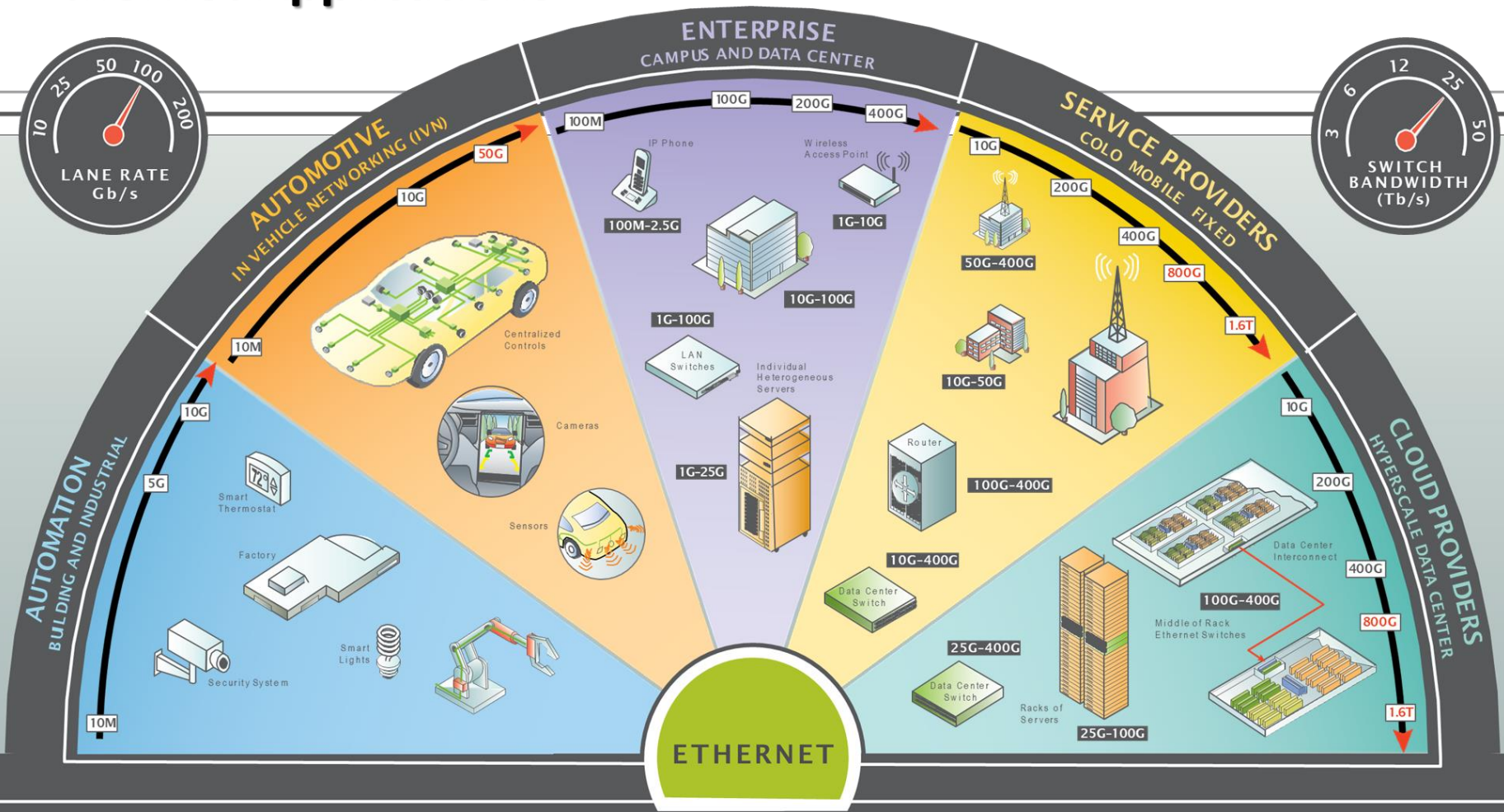
PoE Types and Classes	2-Pair PoE+ – Type 2					4-Pair PoE in Standardization			
	2-Pair PoE – Type 1								
Class	0	1	2	3	4	5	6	7	8
PSE Power (W)	15.4	4	7	15.4	30	45	60	75	90
PD Power (W)	13	3.84	6.49	13	25.5	40	51	62	71.3

4-Pair PoE-Type 3

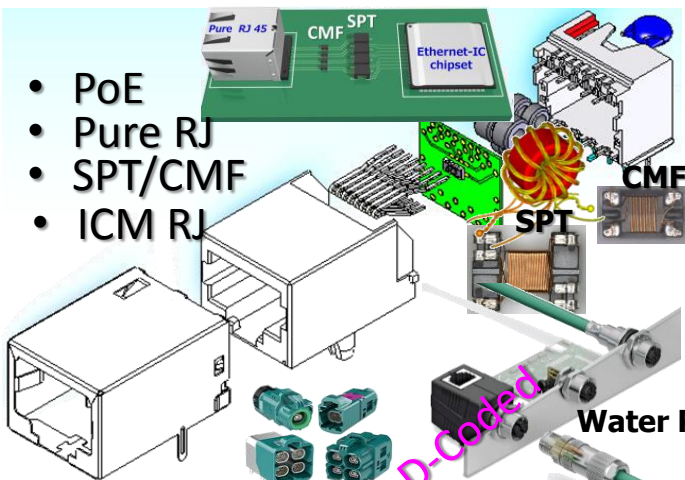
4-Pair PoE Type 4

Ethernet Applications

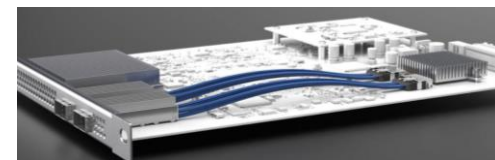
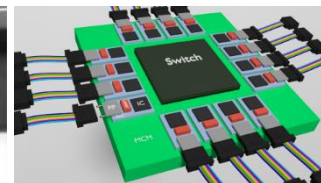
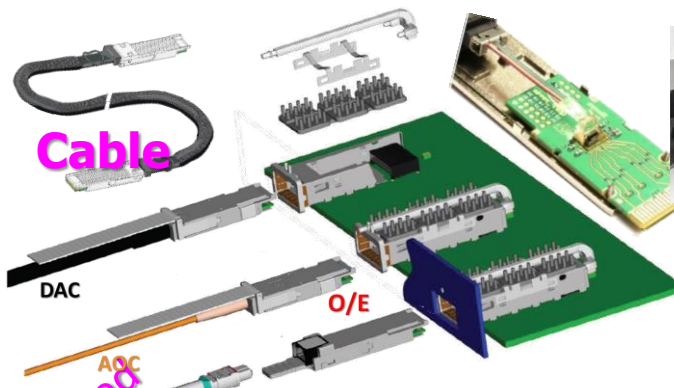
2020 Ethernet Roadmap from Ethernet Alliance



- PoE
- Pure RJ
- SPT/CMF
- ICM RJ



Cable



Water Proof

Optical Transceiver

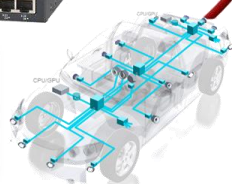
Automotive Ethernet

Optical Solutions

- AOC
- Optical Transceiver
- CPO



- Desktop
- Notebook
- Printer
- Blue-Ray DVD
- Set top Box
- TV



ICM RJ (Up to 10G)

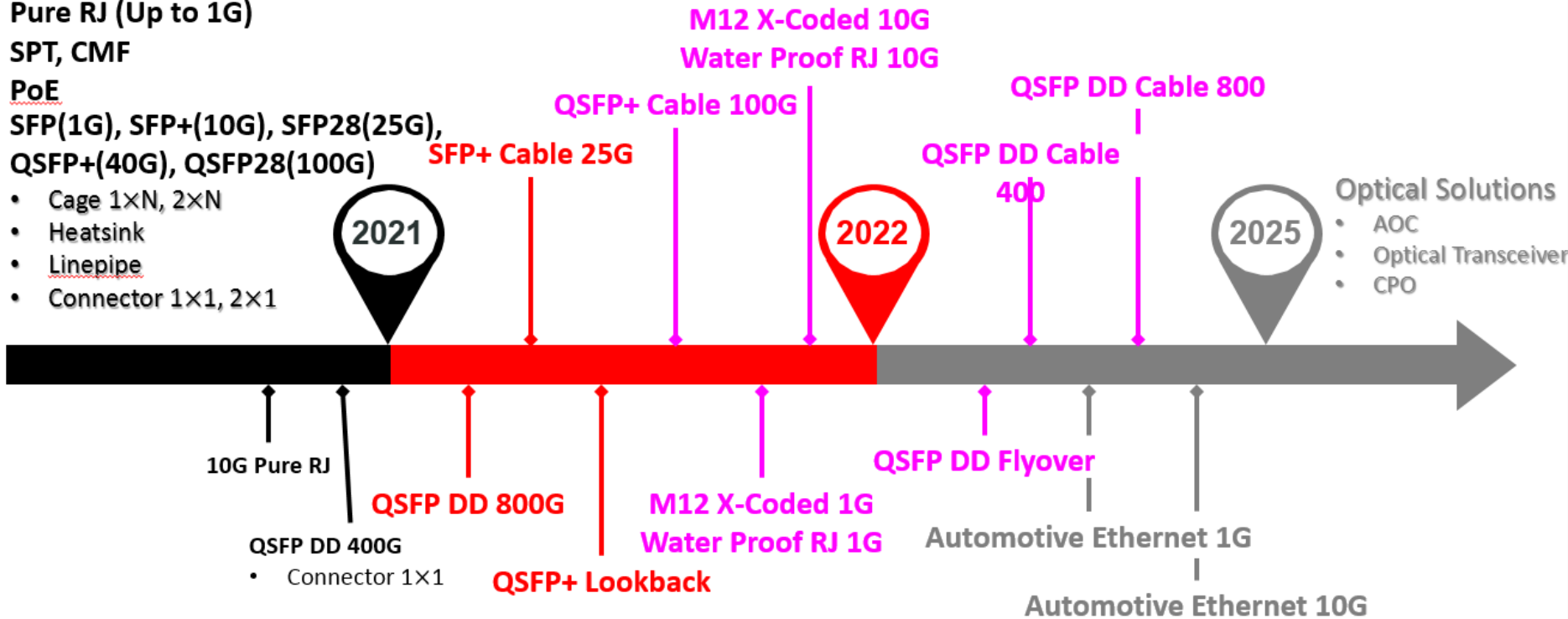
Pure RJ (Up to 1G)

SPT, CMF

PoE

SFP(1G), SFP+(10G), SFP28(25G),
QSFP+(40G), QSFP28(100G)

- Cage 1×N, 2×N
- Heatsink
- Linepipe
- Connector 1×1, 2×1



SFF Developments

SFF各類型產品開發狀態 “V”已開發，“O”開發中，“X”待開發，“空白”不開發，“Y”信賴性實驗完成，“*”信賴性實驗送測中，“N”未送測信賴性實驗

系列	速率	1X1 conn	1X1 Cage	1X2 Cage	1X4 Cage	2X1 conn	2X1 Cage	2X2 Cage	2X3 Cage	2X4 Cage	2X6 Cage	2X8 Cage
SFP	1G	VY	VY	VY	VY	VY	VY	VY	X	VY	VY	
SFP+	10G	VY	VY	VY	VY	VY	VY	VY	X	VY	VY	O*(可出樣)
SFP28	25G	VY	VY	VY	VY	VY	VY	VY	X	VY	VY	X
SFP-DD	50G	X	X	X	X	X	X	X	X	X	X	X
DSFP	50G	X	X	X	X	X	X	X	X	X	X	X
QSFP+	40G	VY	VY	VY	X	VY	VY	X	X			
QSFP28(雙)	100G					VY	O*(可出樣)	VY	O*(可出樣)			
QSFP28-A	100G	VN	VY	VY	X							
QSFP-DD	400G	OY(可出樣)	VY	VY	X	O	O 暫停	X	X			
QSFP-DD	800G	O										

以上為UDE自主設計開發之產品狀態。



Ethernet Solution Provider !



