



SUNPLUS

www.sunplus.com

2Q 2019 Investor Conference

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Make difference

Sunplus Affiliates

	Profession	Shareholding	Stock code
 SUNPLUS	Sunplus Technology Co., Ltd. (592m shares) Automotive IC & IP Design	100%	TWSE#2401
	Generalplus Technology Co., Ltd. (109m shares) Speech/Music, LCD, Digital Video & Image SoC Turnkey Solutions, Micro-Controllers	48%	TWSE#4952
	Sunplus Innovation Technology Inc. (51m shares) Web Cam & HID Control IC	69%	
	Sunext Technology Co., Ltd. (64m shares) ODD & Motor Drive IC	92%	
	Jumplux Technology Inc. (24m shares) Automotive MCU & USB Storage ASIC	97%	

* Based on 2019/6/30 Consolidated-holding by Sunplus

Sunplus Group

SUNEXT

Sunext Technology

Intelligent Driving & Ultra High-Definition



Generalplus

Generalplus Technology

Consumer IC/ Wireless charger



SUNPLUS

DVD/Automotive/Audio IC & IP



SunplusIT

Sunplus Innovation Technology

UVC & HID Application



Jumplux Technology

Automotive MCU & USB Media Controller



Sunplus Product Portfolios

In-Vehicle Infotainment



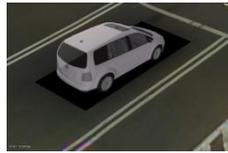
RSE



Display Audio



AVM/BSD



SUNPLUS

Soundbar



CD/ DVD Player



Karaoke/Video boombox



Sunplus Research & Technologies

- Dolby, DTS, Hi-Res
- Surround sound
- EQ, Virtual Bass, SRC, AEC, NR,...

Audio

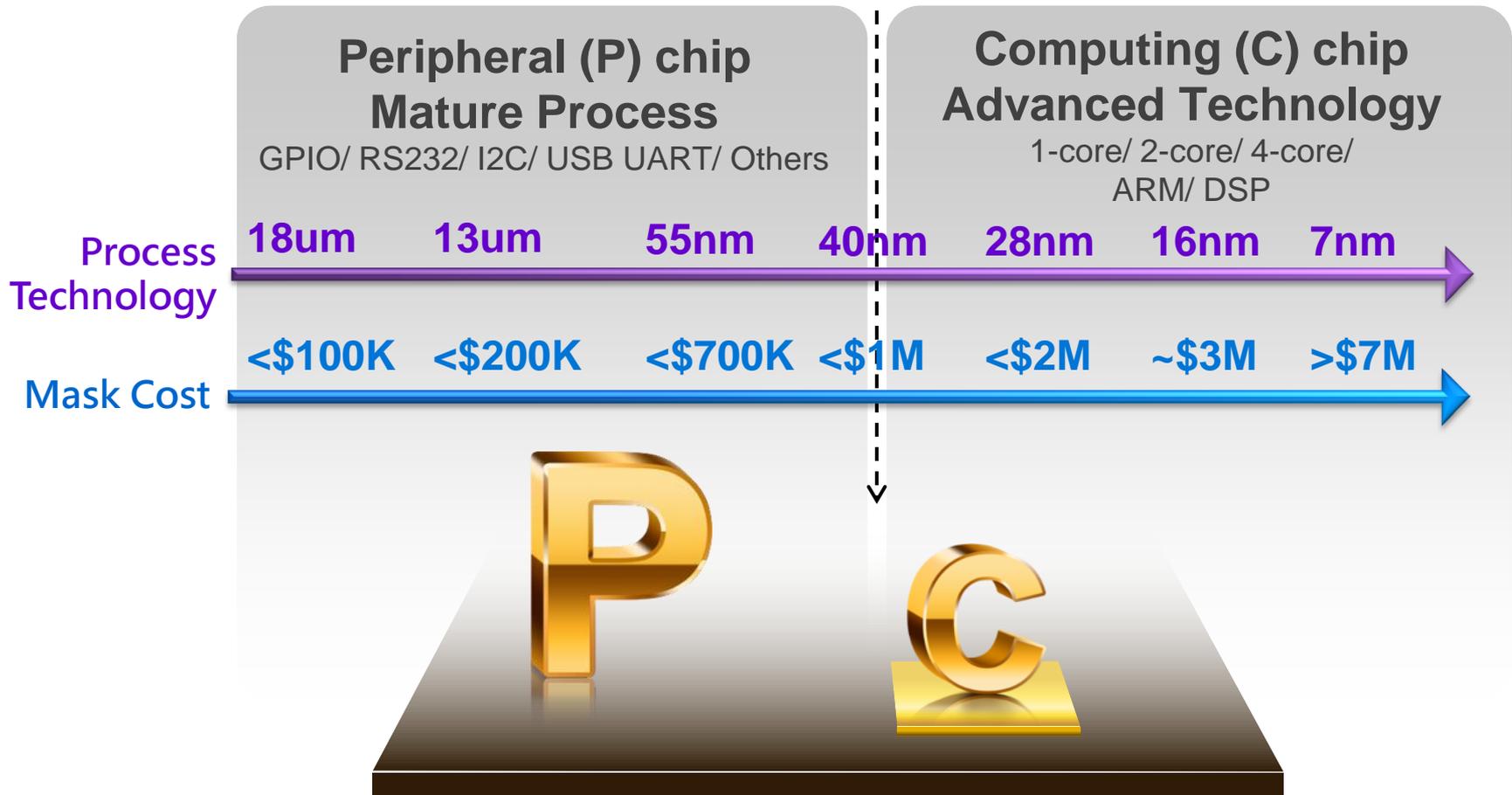
- 2D/3D AVM
- De-interface, 3D comb filter, SNR
- DeHaze

**Image/
Video**

- CarPlay 
- Android Auto 
- CarLife 
- WebLink 

**Phone
Link**

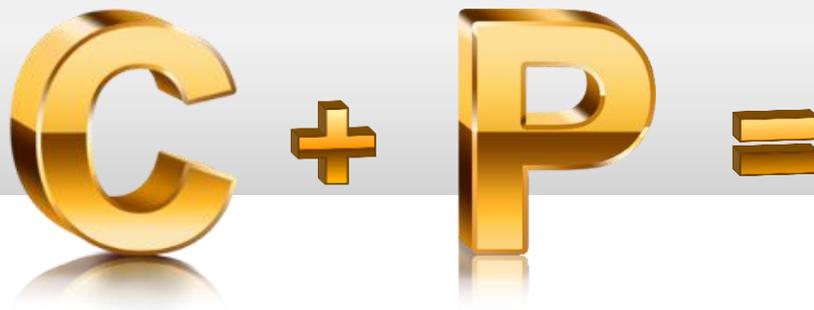
Plus1 Concept



Seperating C chip / P chip According to Process

C+P = Plus1 Solutions

Plus1



C+P = Plus1 Solutions

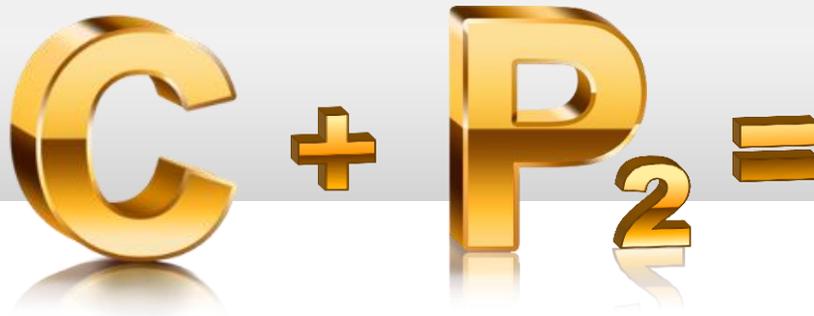
Plus1

C + P₁ =



C+P = Plus1 Solutions

Plus1



Very Wide Ranges of Applications



Intelligent Terminal



Industrial 4.0,
Made in China 2025



Smart Payment



Maker

IP Solutions

-Experience Optimized IP Solutions for SoC Design

IC Design & IP Design Service



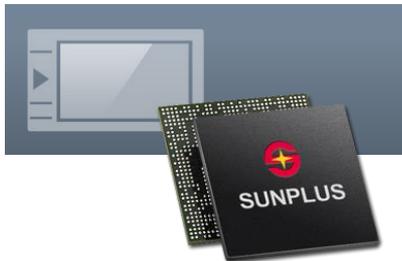
Media I/F (Audio/Video)

MIPI RX IP · HDMI Tx IP · LVDS IP · AUDIO ADC
AUDIO DAC · VIDEO DAC...



Data/Com I/F (Networking/Datacom)

10/100 ETHERNET PHY · USB 2.0 · USB 3.0
DDR 3/2 PHY · SerDes...

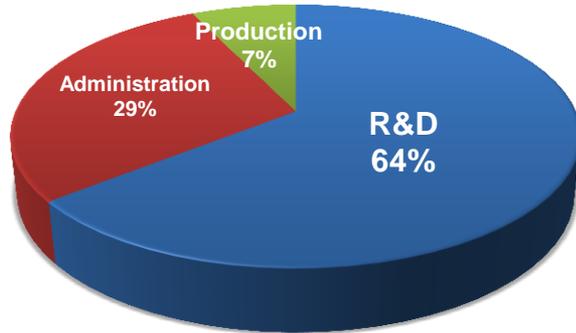


SoC Companion

SAR ADC · Pipeline ADC · PLL · SPREAD
SPECTRUM PLL...

Human Resources

Global Employees

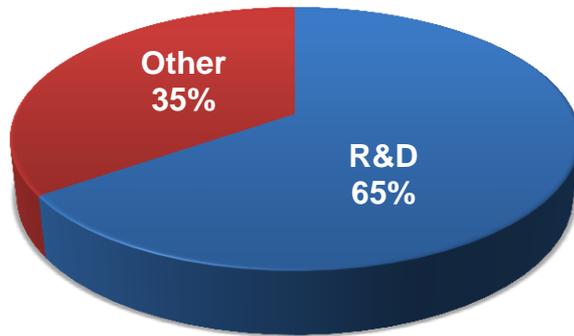


Global Employees/ R&D

1,084 / 699

40% Master above

Sunplus HR



Sunplus HR/ R&D

302 / 197

61% Master above

* Data by 2019/6/30

Q2 Consolidated Results

(NT\$ million)	2019Q2		2019Q1		2018Q2		QoQ	YoY
Net Sales	1,532	100%	1,180	100%	1,799	100%	30%	(15%)
COGS	886	58%	675	57%	1,103	61%	31%	(20%)
Gross Margin	646	42%	505	43%	695	39%	28%	(7%)
R&D Expenses	379	25%	357	30%	467	26%	6%	(19%)
SG&A Expenses	195	13%	191	16%	205	11%	2%	(5%)
Operating Net Profit (Loss)	72	5%	(44)	(4%)	23	1%	(266%)	211%
Non-Op. Gain (Loss)	17	1%	80	7%	36	2%	(79%)	(53%)
Net Income (Loss)	71	5%	28	2%	35	2%	151%	102%
Other Comprehensive Income	(34)	(2%)	69	6%	(43)	(2%)	(148%)	(22%)
Total Comprehensive Income	38	2%	98	8%	(8)	(0%)	(62%)	(585%)
Net Profit Attributable To								
Shareholders of the parent	6	0%	7	1%	(25)	(1%)	(12%)	(125%)
Non-controlling interests	65	4%	21	2%	60	3%	205%	9%
EPS (NT\$)	0.01		0.01		(0.04)			

** EPS based on outstanding 591,994,919 shares on 2019/06/30

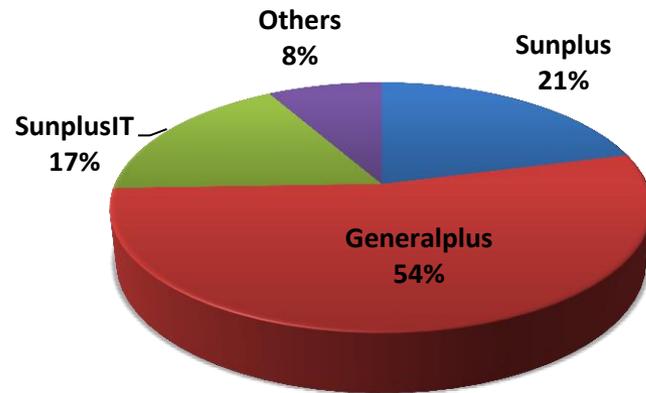
1H Consolidated Results

(NT\$ million)	2019 1H		2018 1H		YoY
Net Sales	2,711	100%	3,228	100%	(16%)
COGS	1,561	58%	1,984	61%	(21%)
Gross Margin	1,150	42%	1,245	39%	(8%)
R&D Expenses	736	27%	921	29%	(20%)
SG&A Expenses	385	14%	424	13%	(9%)
Operating Net Profit (Loss)	29	1%	(100)	(3%)	(128%)
Non-Op. Gain (Loss)	96	4%	182	6%	(47%)
Net Income (Loss)	99	4%	51	2%	95%
Other Comprehensive Income	36	1%	(26)	(1%)	(236%)
Total Comprehensive Income	135	5%	25	1%	449%
Net Profit Attributable To					
Shareholders of the parent	13	0%	(14)	(0%)	(197%)
Non-controlling interests	86	3%	65	2%	33%
EPS (NT\$)	0.02		(0.02)		

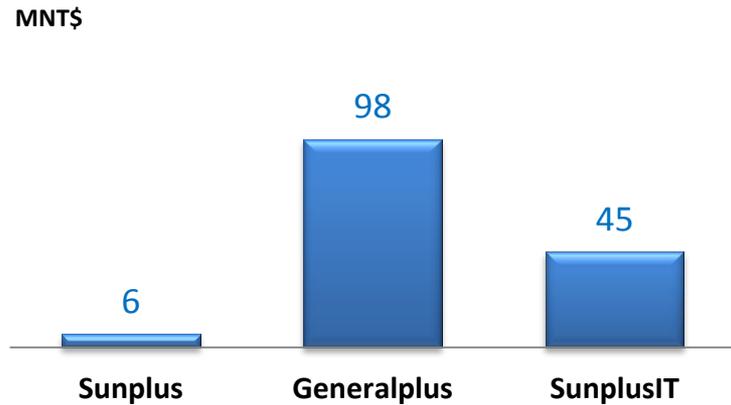
** EPS based on outstanding 591,994,919 shares on 2019/06/30

2019 Affiliates' Contribution

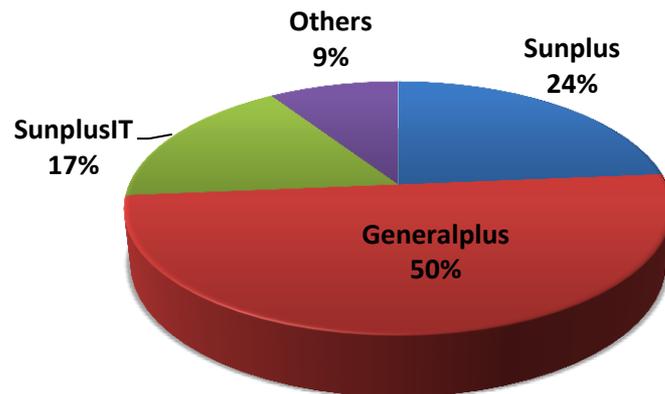
2Q '19 Net Sales : 1,532 MNT\$



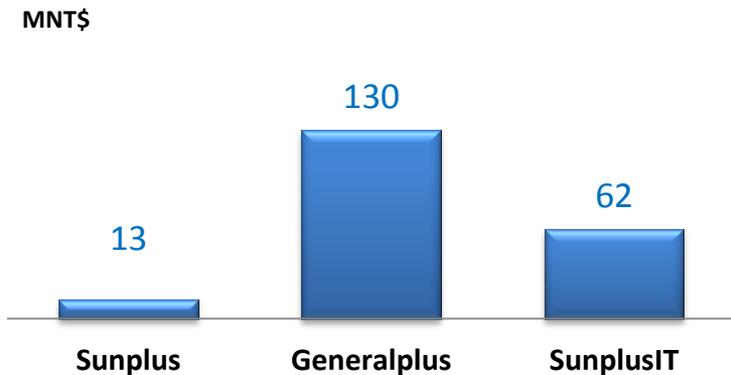
2Q '19 Net Income



1H '19 Net Sales : 2,711 MNT\$



1H '19 Net Income



Q2 Consolidated Balance Sheet

(NT\$ million)	<u>2019Q2</u>	<u>2019Q1</u>	<u>2018Q2</u>	<u>QoQ</u>	<u>YoY</u>
Total Assets	12,306	11,973	13,375	3%	(8%)
Cash and Cash equivalents	2,978	3,095	3,455	(4%)	(14%)
Inventory	792	786	1,097	1%	(28%)
Equity Method Investments	706	722	344	(2%)	105%
Intangible Assets	177	169	222	4%	(21%)
Total Liabilities	2,668	2,004	3,285	33%	(19%)
S-T Bank Loans	241	177	373	36%	(35%)
L-T Bank Loans, Current Portion	187	236	279	(21%)	(33%)
Account Payable	639	484	868	32%	(26%)
L-T Bank Loans, Net of Current Portion	0	0	50		(100%)
Total Shareholder Equity	8,302	8,538	8,515	(3%)	(2%)
ROE%	2.06%	1.14%	1.01%		
Net Asset Value per Share (NT\$)	14.02	14.42	14.38		

Cash Flows

(NT\$ million)	2019Q2	2019Q1	2018Q2	QoQ	YoY
From Operation	152	30	(89)	410.0%	(270.8%)
From Investment	(277)	(16)	(497)	1599.0%	(44.3%)
From Financing	5	(155)	20	(103.4%)	(73.6%)
Net Cash Flow in (out)	(117)	(141)	(560)	(17.0%)	(79.1%)
Cash and Cash equivalents	2,978	3,095	3,455	(3.8%)	(13.8%)

(NT\$ million)	2019 1H	2018 1H	YoY
From Operation	181	(61)	(399.4%)
From Investment	(293)	(511)	(42.7%)
From Financing	(150)	(136)	10.8%
Net Cash Flow in (out)	(258)	(701)	(63.2%)
Cash and Cash equivalents	2,978	3,455	(13.8%)

Non-Operating Gain

(NT\$ million)	<u>2019Q2</u>	<u>2019Q1</u>	<u>2018Q2</u>	<u>QoQ</u>	<u>YoY</u>
Other Income	27	23	25	14%	6%
Exchange Gain (Loss)	(8)	15	(11)	(149%)	(30%)
Gain on Disposal of Investment	0	61	23	(100%)	(99%)
Investment Gain Recognized under Equity Method	1	(17)	(5)	(104%)	(113%)
<u>Non-Operating Gain</u>	<u>17</u>	<u>80</u>	<u>36</u>	<u>(79%)</u>	<u>(53%)</u>

(NT\$ million)	<u>2019 1H</u>	<u>2018 1H</u>	<u>YoY</u>
Other Income	50	48	5%
Exchange Gain (Loss)	8	6	34%
Gain on Disposal of Investment	61	111	(45%)
Investment Gain Recognized under Equity Method	(16)	(4)	293%
<u>Non-Operating Gain</u>	<u>96</u>	<u>182</u>	<u>(47%)</u>

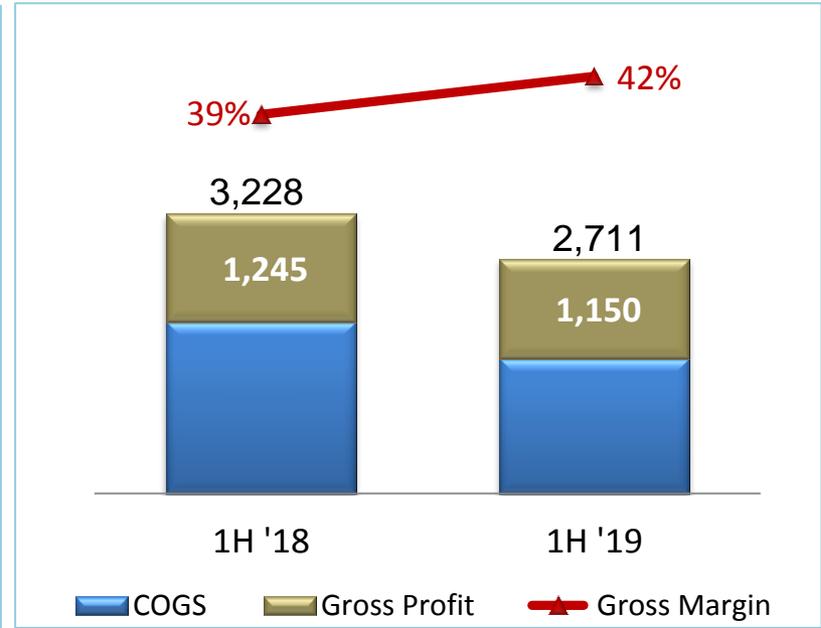
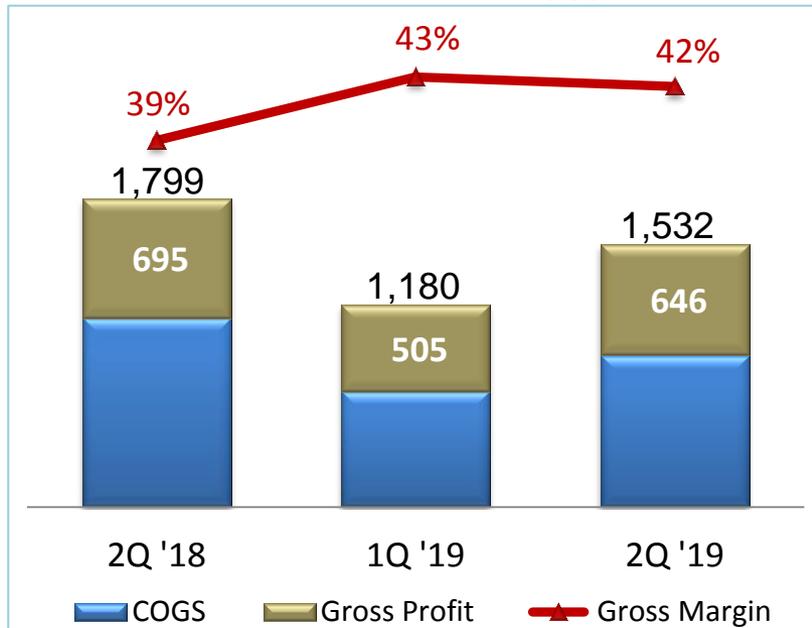
Consolidated Net Sales & Gross Profit

NT\$ million

GP YoY: -7%

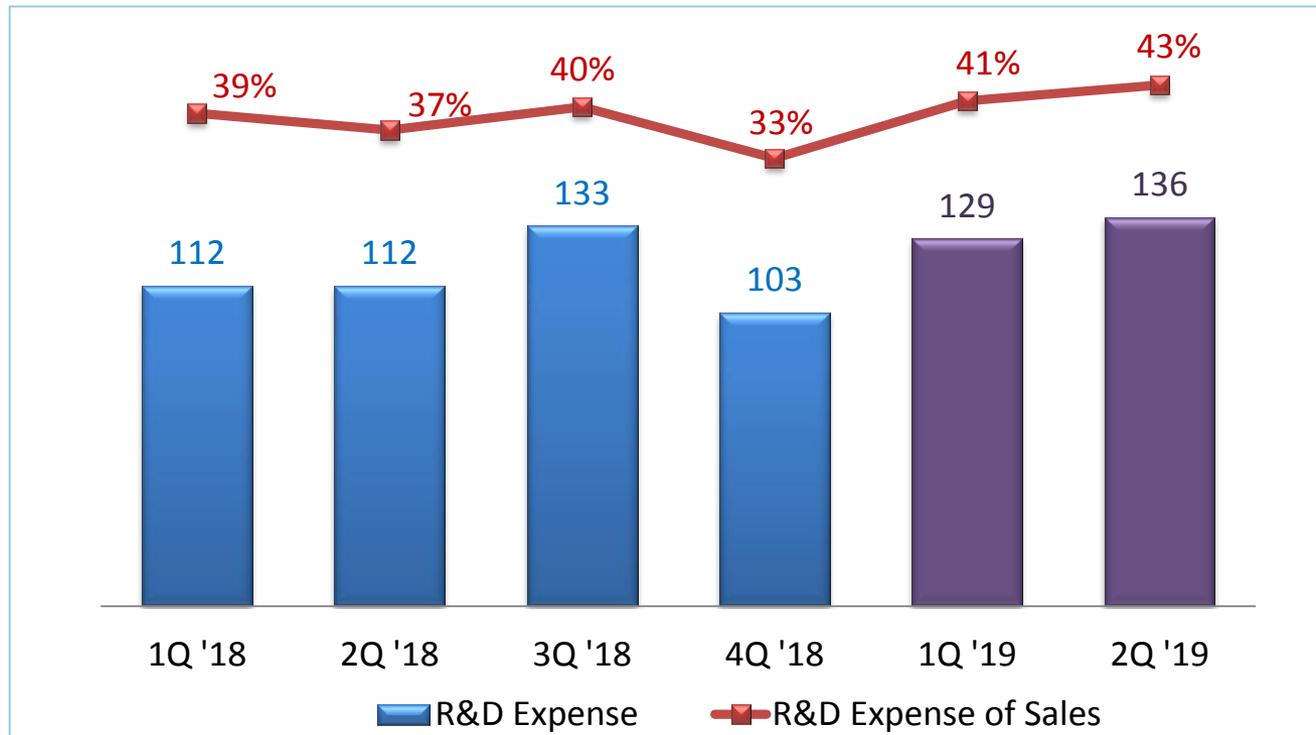
GP QoQ: +28%

GP YoY: -8%



R&D Expenses (Sunplus only)

NT\$ million



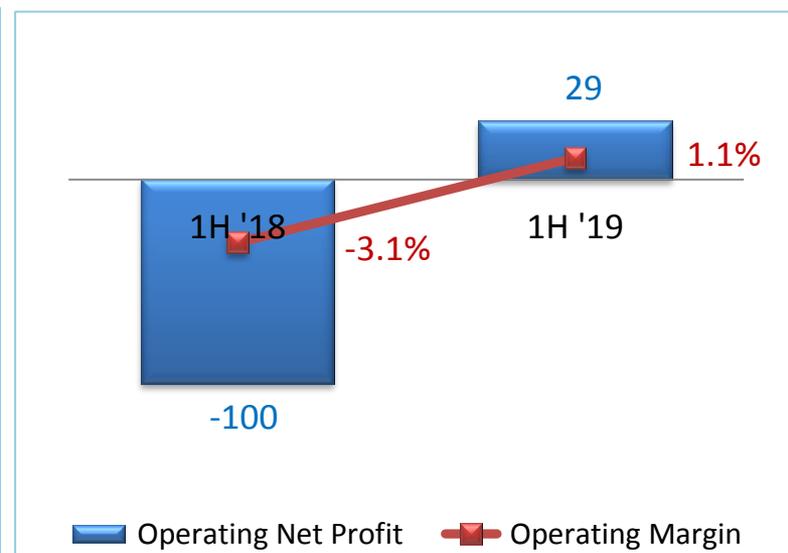
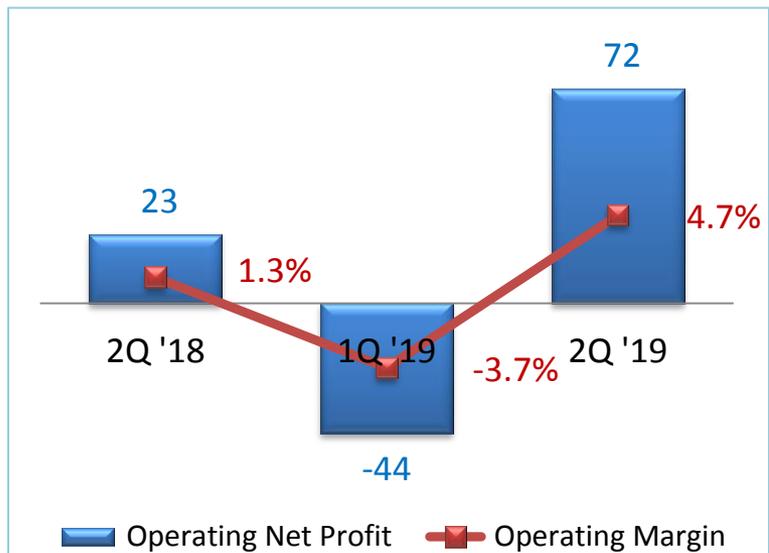
Consolidated Operating Net Profit

NT\$ million

YoY: +211%

YoY: -128%

QoQ: -266%



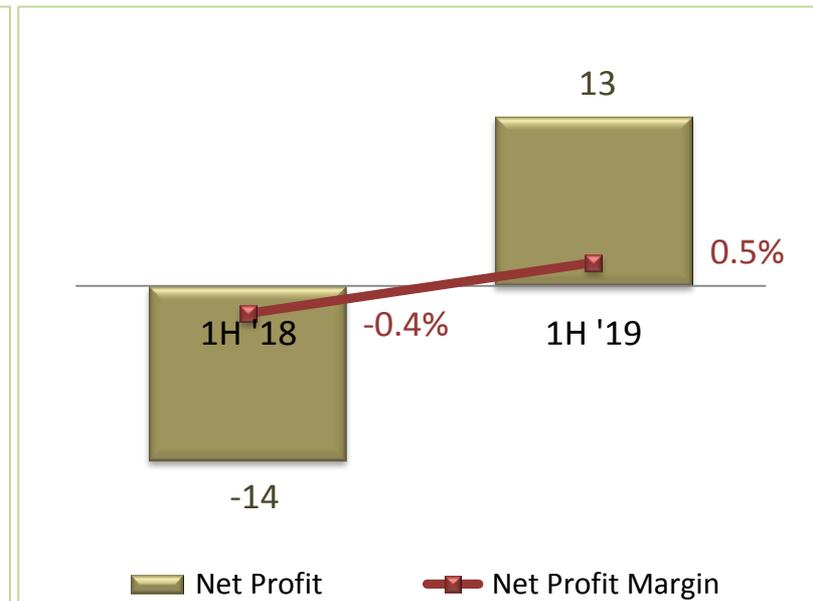
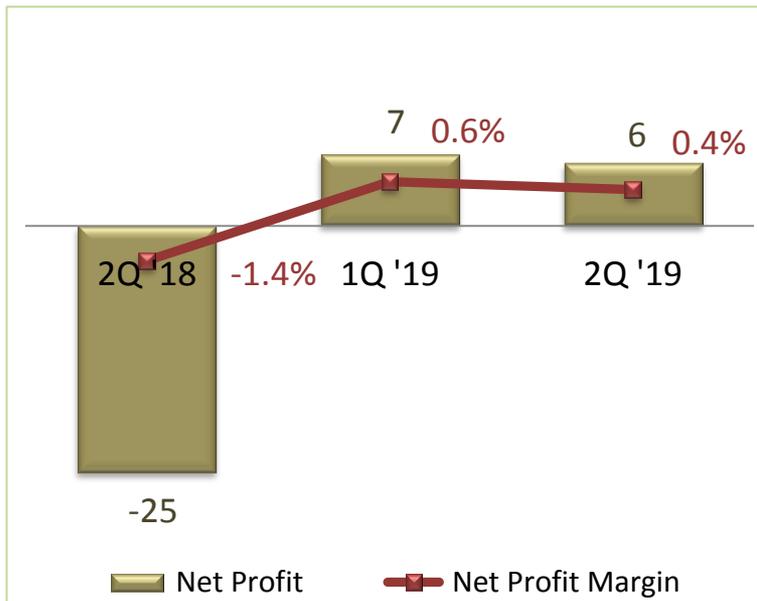
Consolidated Net Profit

NT\$ million

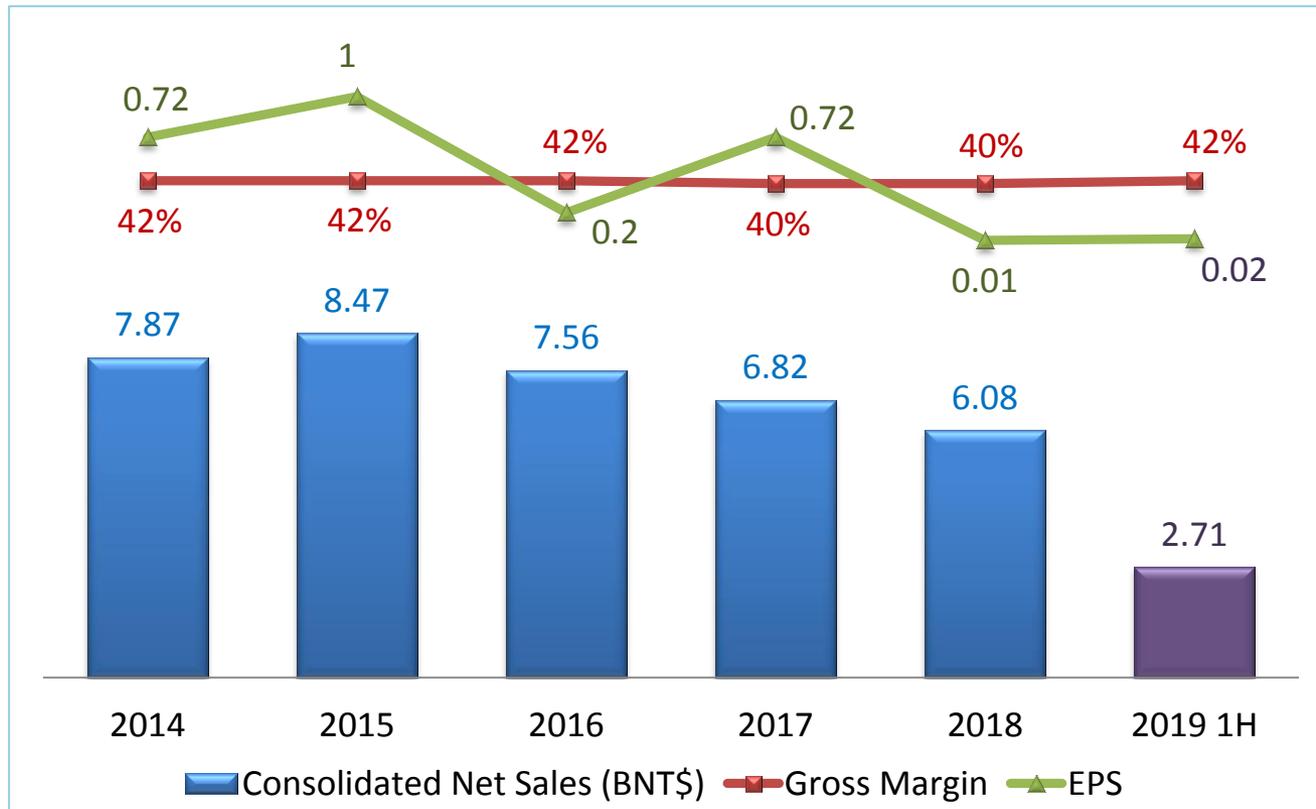
YoY: -125%

YoY: -197%

QoQ:
-12%



Financial Statement



SunplusIT

- Smart Imaging and Man-Machine Interaction Enabler

UVC Application

NB Cam Backend ISP

Web Cam

Dashboard Cam

Document Scanner Controller



HID Application

MCU

RF

Optical Sensor

Easy Gesture Solution



Sunext IC Solutions

- Driving to Intelligent Automation

Intelligent Driving

3D Printer
Barcode Printer
IP CAM Driver



Ultra High-Definition

4K UHD BD
HD BD
USB DVD/CD for Automotive



Jumplux

- Automotive MCU for Mobile Device

USB Media HUB for CarPlay



USB PD + Wireless Charger



48V PMIC + MCU



USB PD/BC



Q & A



Make difference