



鑫禾科技股份有限公司
Sinher Technology Inc.
(Company Code:4999)

Status Report and Future
Prospect

2020/12/10



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1. Company overview
2. Product and market overview
3. Business philosophy and performance
4. Competitiveness, strategy and future prospects



1. Company overview



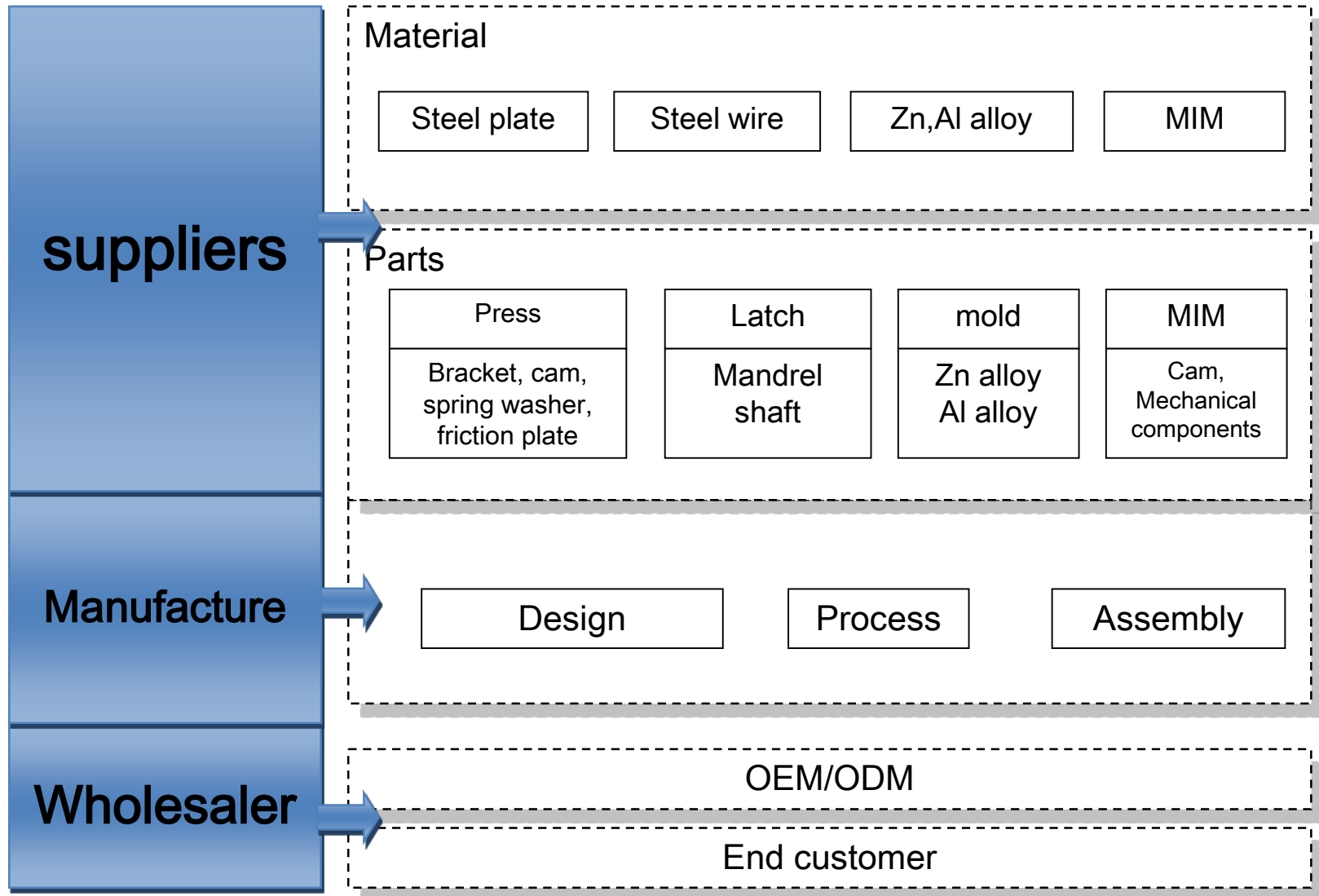
SNR Company overview

- Established: Jan/2002
- Capital: NTD 740 millions
- Location: Taiwan, Kunshan, Chongqing
- Business: Hinge development, manufacture and marketing on key component
- Cooperate employee: total of 2,424 with 328 in head quarter (up to Oct/2020)



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Manufacture process





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Company history

2002 Company established

2008 Kunshan Wanhe established and introduce stamping production line

2009 Sinher introduce multi-axis CNC lathe machine

2011 Kunshan Wanhe introduce Zn alloy die cast production and Sinher
Chungqing established

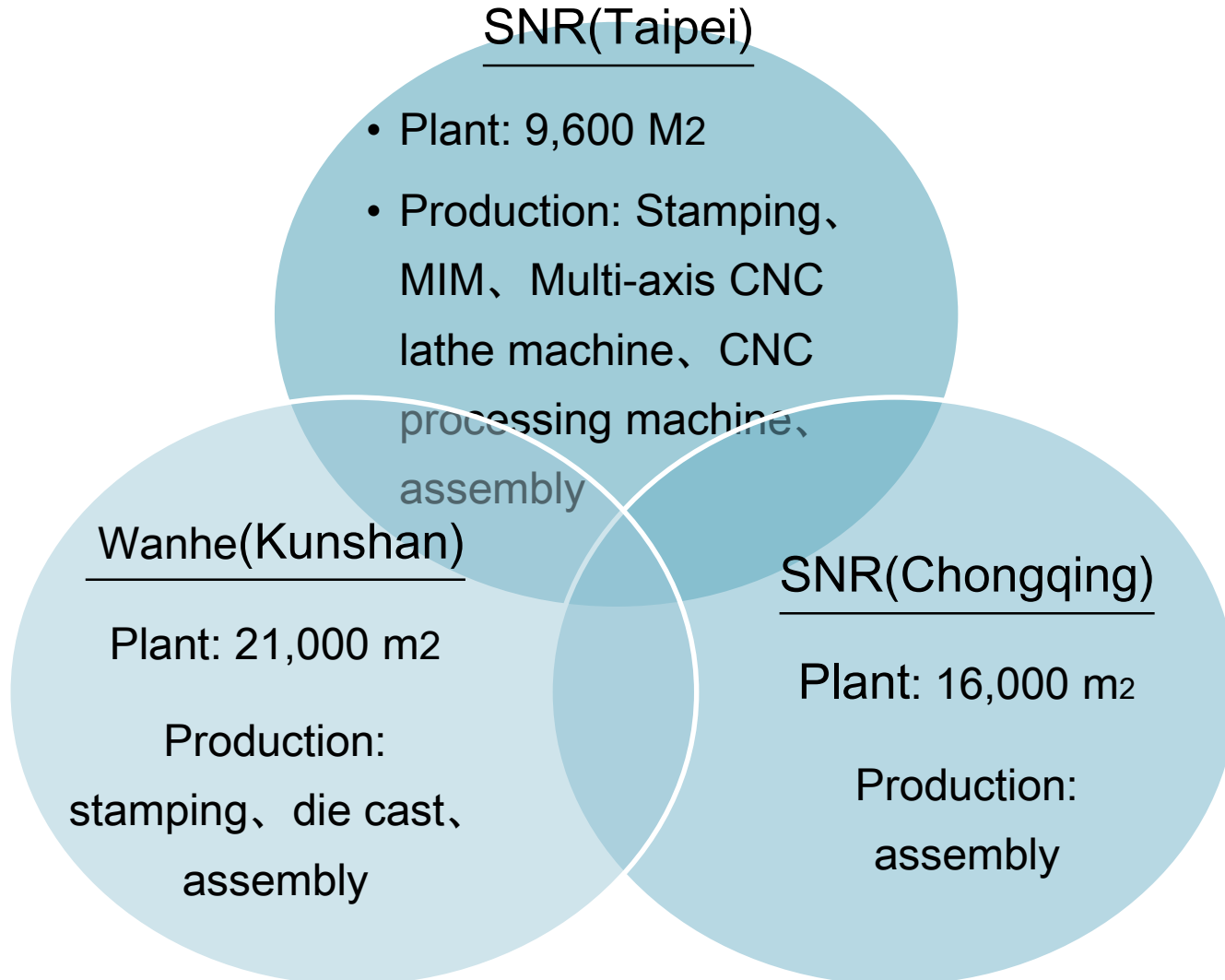
2012 Sinher introduce CNC integrated processing machine production line

2014 Acquire Xizhi plant to expand and intergrade multi-axis CNC lathe
machine production base

2016 Acquire Keelung plant and introduce MIM production line



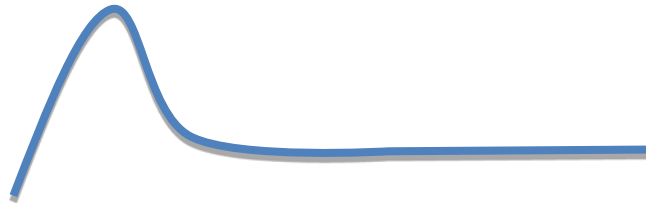
SNR Production base



2. Products and market Overview



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Product



Notebook Hinge

- auto lock
- Coil type
- Dual type (360°)
- Hidden type
- LCD flip



For PAD Hinge

- Detachable
- Slider
- Rolling
- Kickstand



All In One Hinge

- Fix type
- Multi-axis
- Frame type



3C Hinge

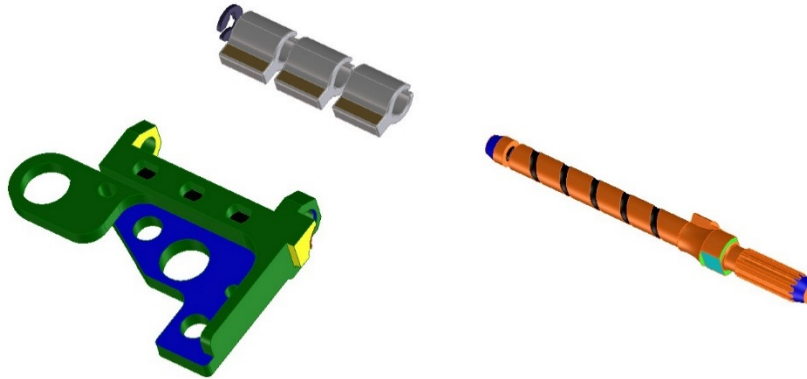
- POS
- Projector
- Car use
- wearable VR



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NB Hinge

Warp Hinge

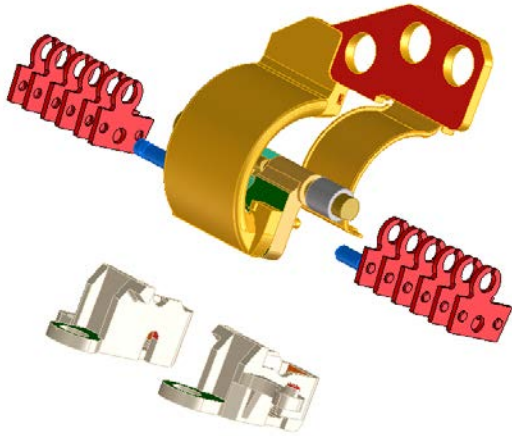




Dual (360°)Hinge

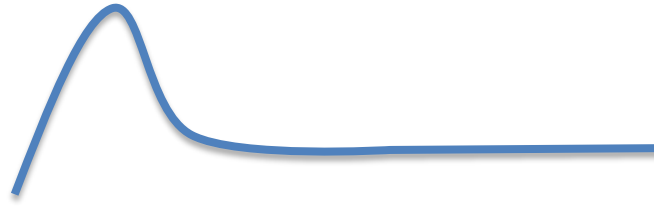


Hidden Hinge



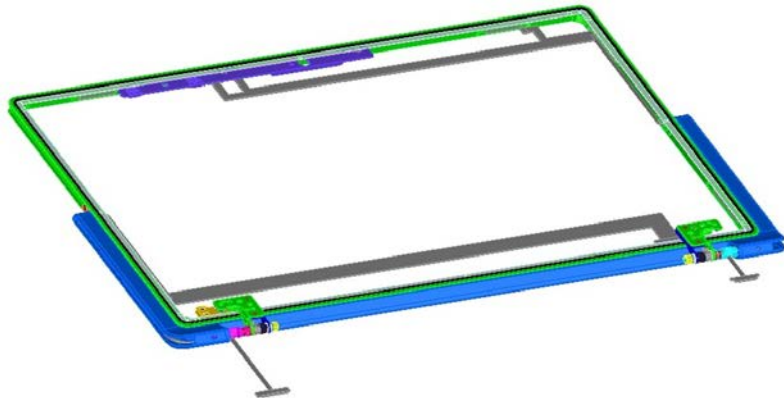


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NB Hinge

LCD flip Hinge



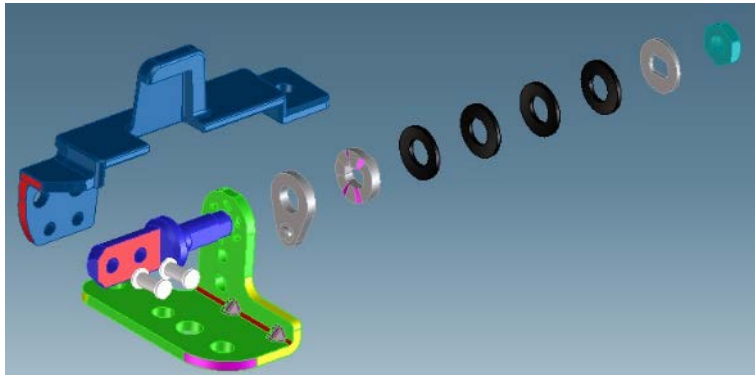
LAPTOP



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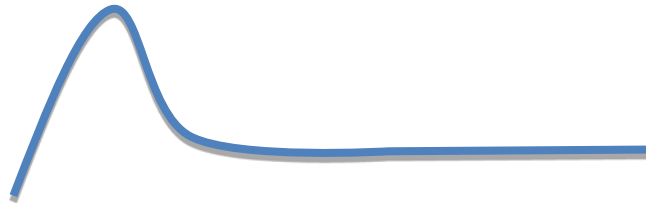
PAD Hinge

Detachable



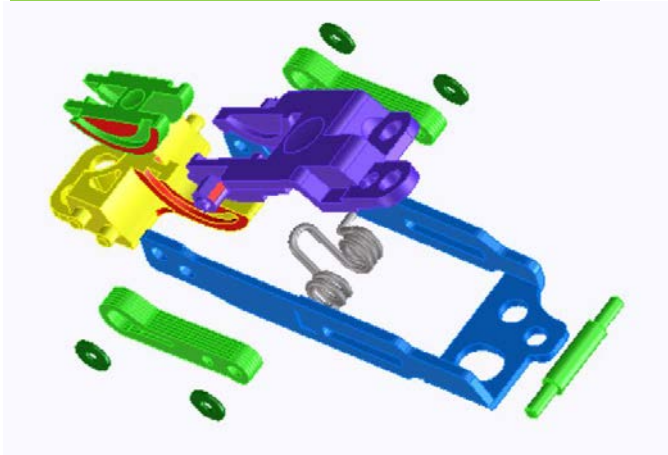


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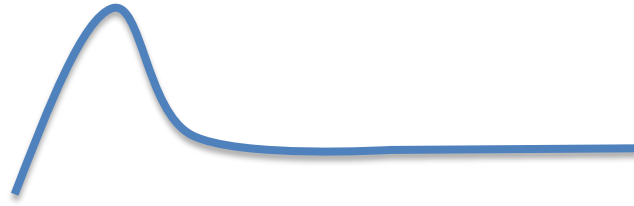
PAD Hinge

Slider Hinge





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PAD Hinge

Rolling Hinge

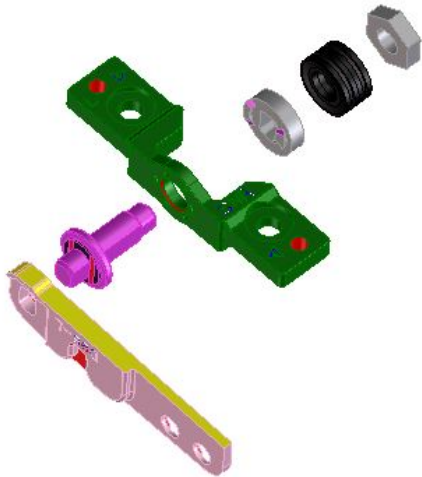




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PAD Hinge

Kickstand Hinge





Hidden



Kickstand



Slider



Dual hinge



Detachable



Coil type

Foldable and dual screen Hinge



- Purpose: Provide dual screen with smallest gap or hinge solution for OLED
- Progress: NDA has been signed with the customer, verification is in progress



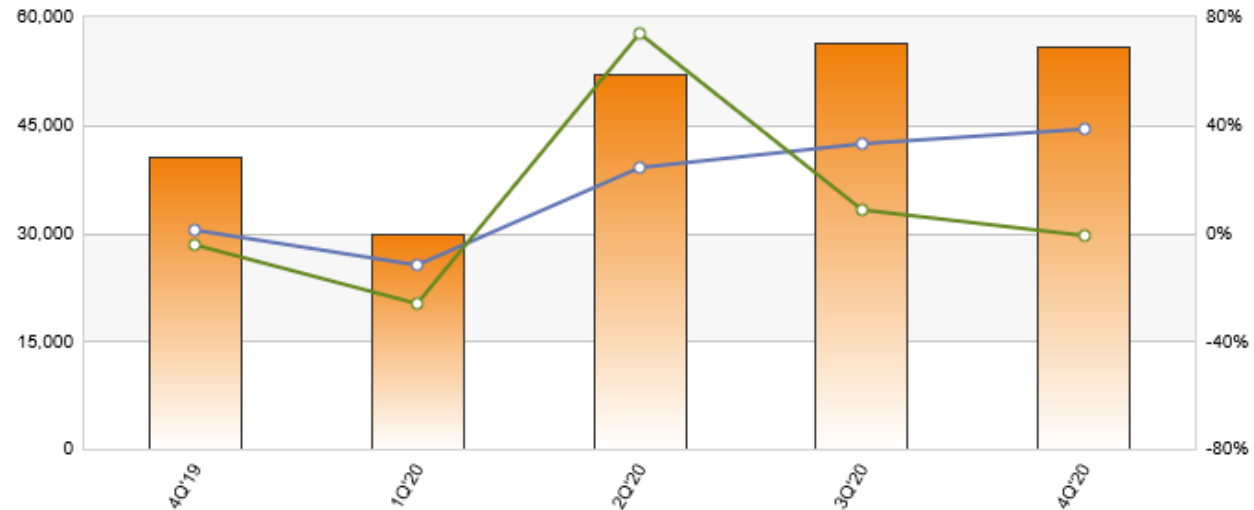
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NB market share

Shipments

4Q'19~4Q'20 Global NB shipments

Unit : (k units)



	4Q'19	1Q'20	2Q'20	3Q'20	4Q'20
Worldwide	40,417	29,865	51,858	56,320	55,898
YoY	1.3	-12	24.1	33.1	38.3
QoQ	-4.5	-26.1	73.6	8.6	-0.7

1. DIGITIMES Research considers detachable devices as tablets and are not included in NB shipments.

2. Figures are updated at the end of January, April, July and October.

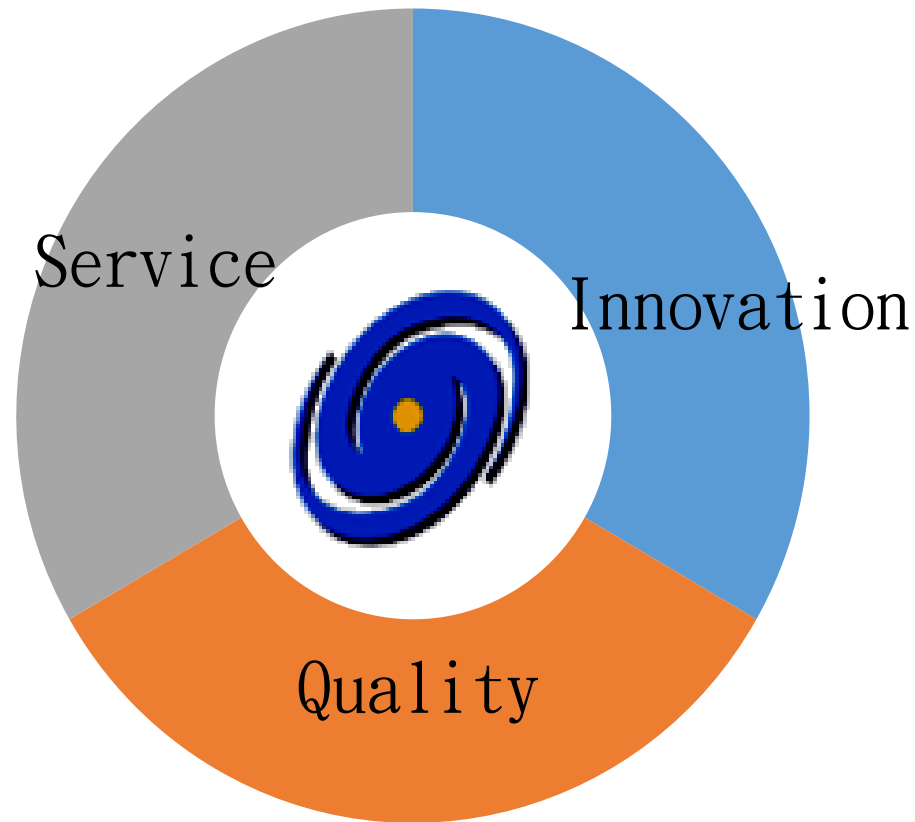
Last updated : 2020/10/23



3. Business philosophy and performance



SNR Business philosophy



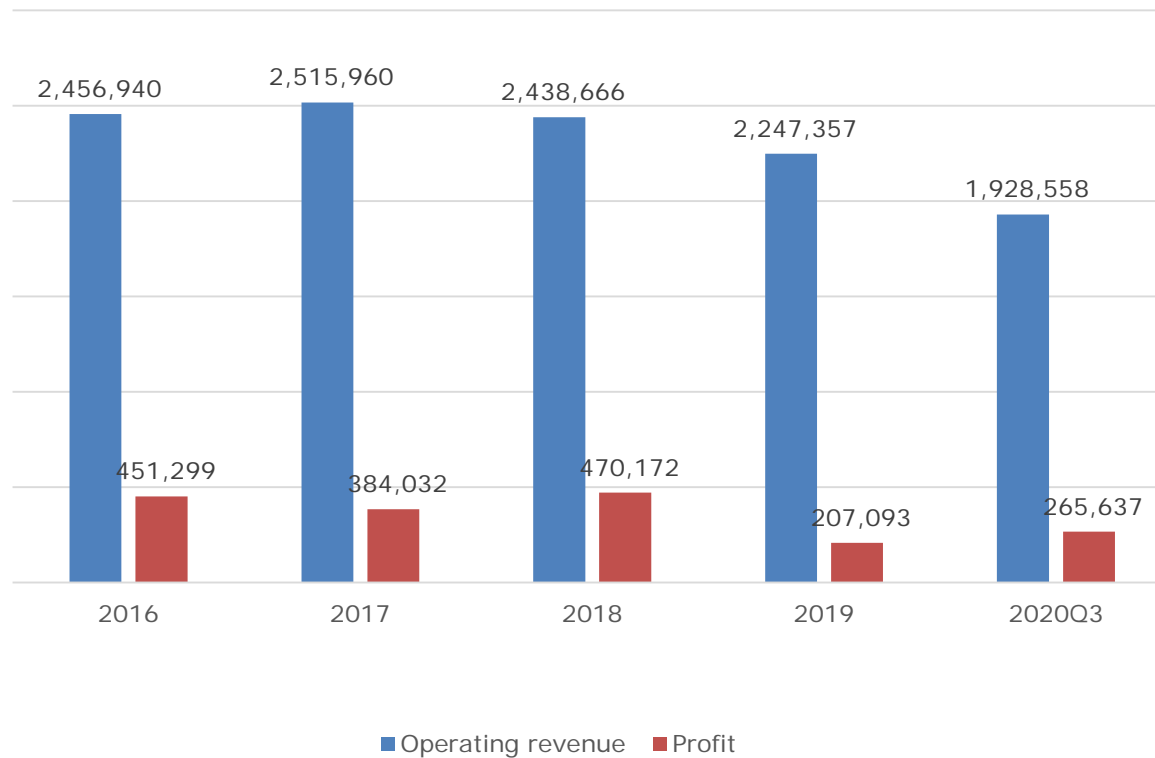


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Performance

Operating revenue and Profit

Unit:NT\$ thousands

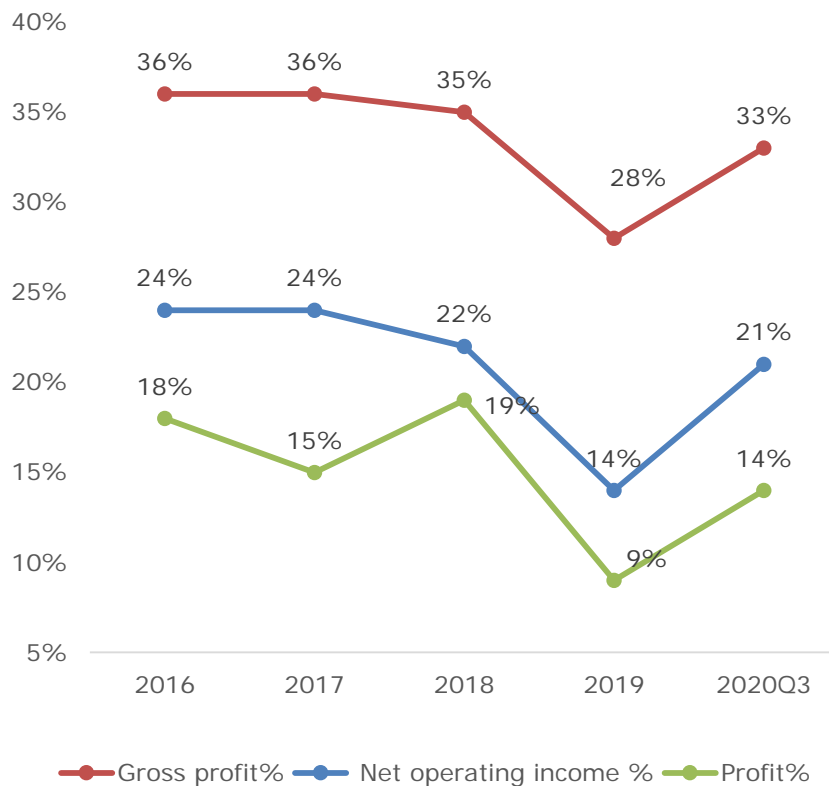




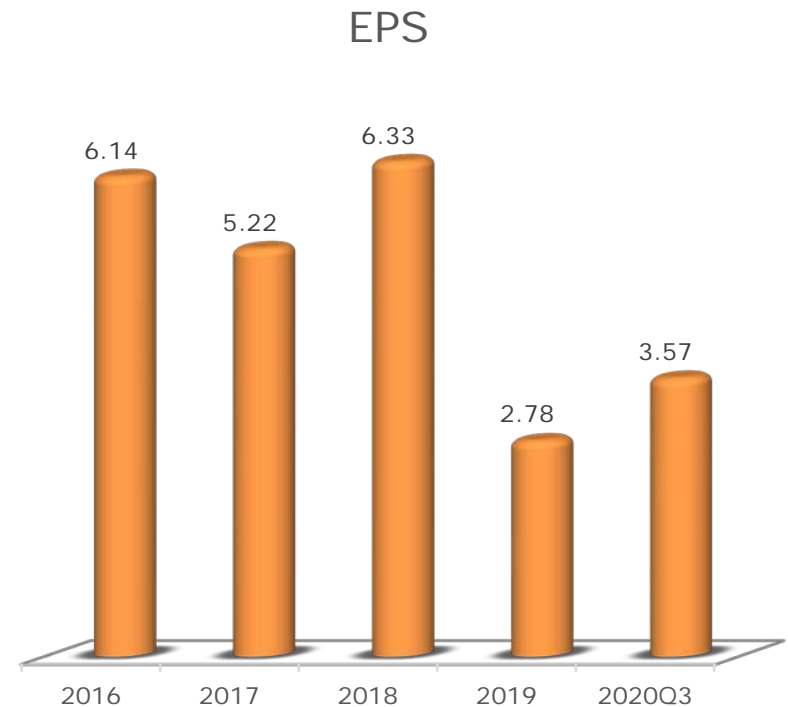
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Performance

Gross profit% , Net operating
Income % and Profit%



Earnings per share



4. Competitiveness, strategy and future prospects



SNR Competitiveness

1. Professional R&D team with innovative and practical experience

2. Multiple key technology IP

3. Complete vertical integration with effective cost benefit

4. In house mold design capabilities and research and development abilities



SNR R&D performance- IP

Up to 28th/Oct/2020, total IP as following

Country Type	Utility	Invention	Design	Total
Taiwan	147	9	1	157
USA		10		10
China	83	24	1	108
Total	230	43	2	275



SNR Future prospect

- 1. Develop hinge parts with MIM process; End goal is to approach MIM product with complex structure and challenging to form on non hinge product**
- 2. Based on hinge and develop modular IT product**
- 3. Engage with automatic production**
- 4. Enhance production and R&D coordination, utilise material usage in order to elevate product quality and value**
- 5. Continuous development on hinge product with other industrial market**



THANK YOU

Q & A