

The logo for ASPEED, featuring a stylized 'A' in red and blue, followed by 'SPEED' in blue. The background is a blue sky with white clouds and a blue wavy line at the top.

ASPEED

Q1, 2021

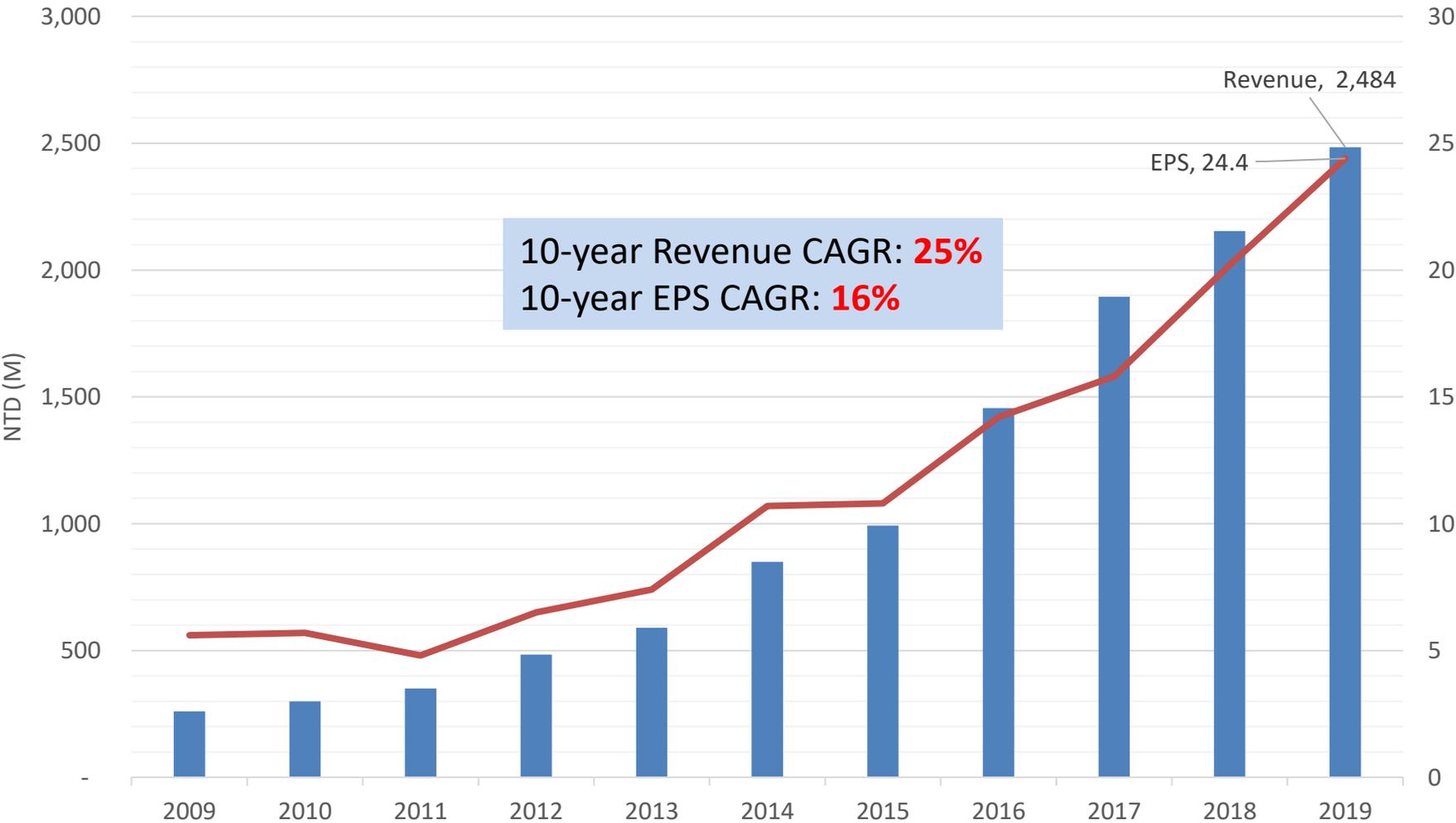
Safe Harbor Notice

- ASPEED's statements of its current expectations are forward-looking statements subject to significant risks and uncertainties and actual results may differ materially from those contained in the forward-looking statements.
- Except as required by law, we undertake no obligation to update any forward-looking statement, whether as a result of new information, future events, or otherwise.

- Established in Nov. 15th , 2004
- Paid-In Capital: NTD 341M (USD 10.99M)
- Number of Employees: 96
- Location:
 - ASPEED Technology Inc.: Hsinchu City, Taiwan
 - ASPEED Technology (U.S.A) Inc.: San Jose, USA

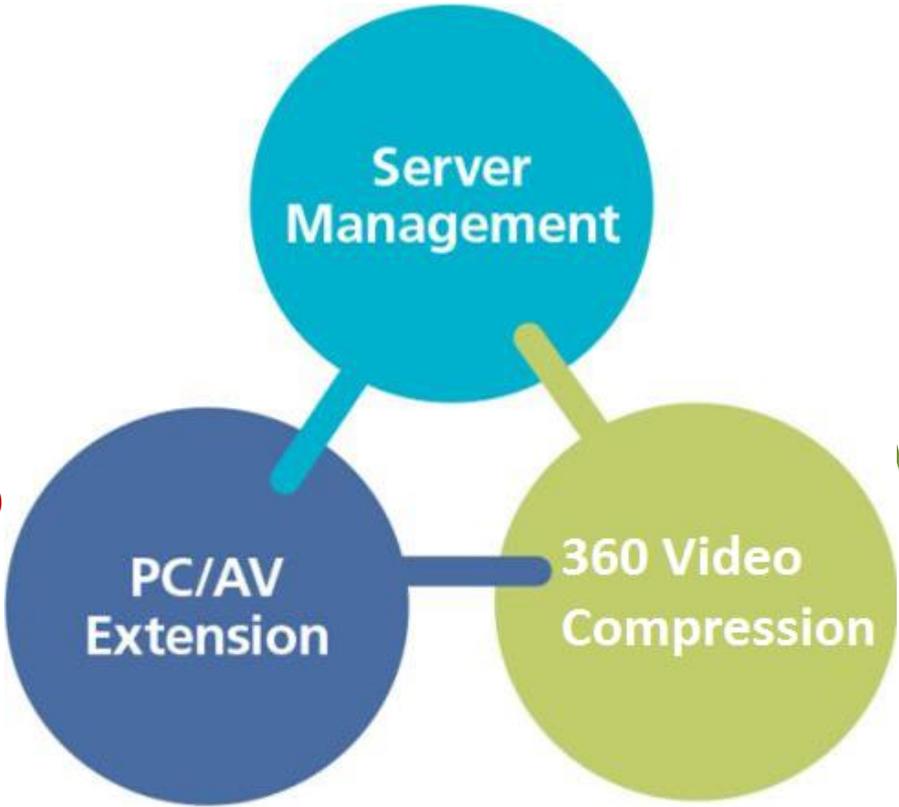


Revenue & EPS



AST1010
AST2200 / AST2150
AST2300 / AST1300 / AST1050
AST2400 / AST1400 / AST1250
AST2500 / AST2510 / AST2520 / AST2530
AST2600/Pilot5

28nm LP Process
Dual Core 1GHz CPU
DDR4 SDRAM
Robust Security Architect
and Features
A0: July/2019
A1: Feb/2020



AST1500 / AST1510
AST1520 / AST1525/1530
AST1620/AST1625/AST1630

40nm LP Process
Support 4K@60
ES: 2020/Q2

AST1220
AST1230 2021
40nm LP Process
1GHz CPU
PLDDR3 SDRAM
6-Cam Real Time Stitching
H.264/265 4k2k Endoding
PCIe Gen-II
ES: Aug. 2018
PS: Nov. 2018



**Server Management
SoC Solutions**

**PC/AV Extension
SoC Solutions**



**360 Spherical Image
Processor SoC**

ASPEED



CIO VIEWS

Remote Server Management

7th GEN ASPEED AST2600

Baseboard Management Controller (BMC) chip

Samples **AVAILABLE NOW!** Shipping Now



- Optimize Performance
- High Computing Power
- Low Power Consumption
- Enhanced System Security

Server Trend- Mix of Cloud and Edge

Future will be mix of cloud and edge computing.

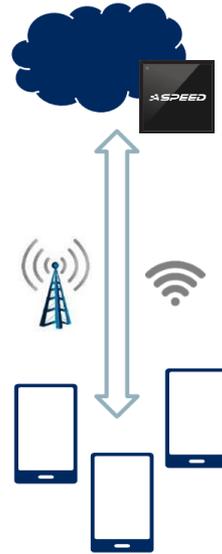
1980-2005

Personal computing and on-premise workstations



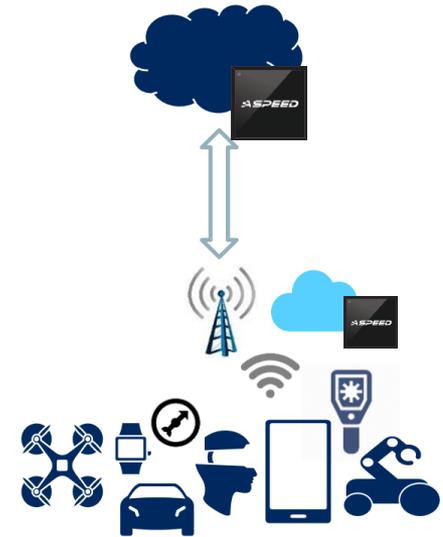
2005-2020

Cloud computing



2020+

Cloud and intelligent edge computing



Product Portfolio



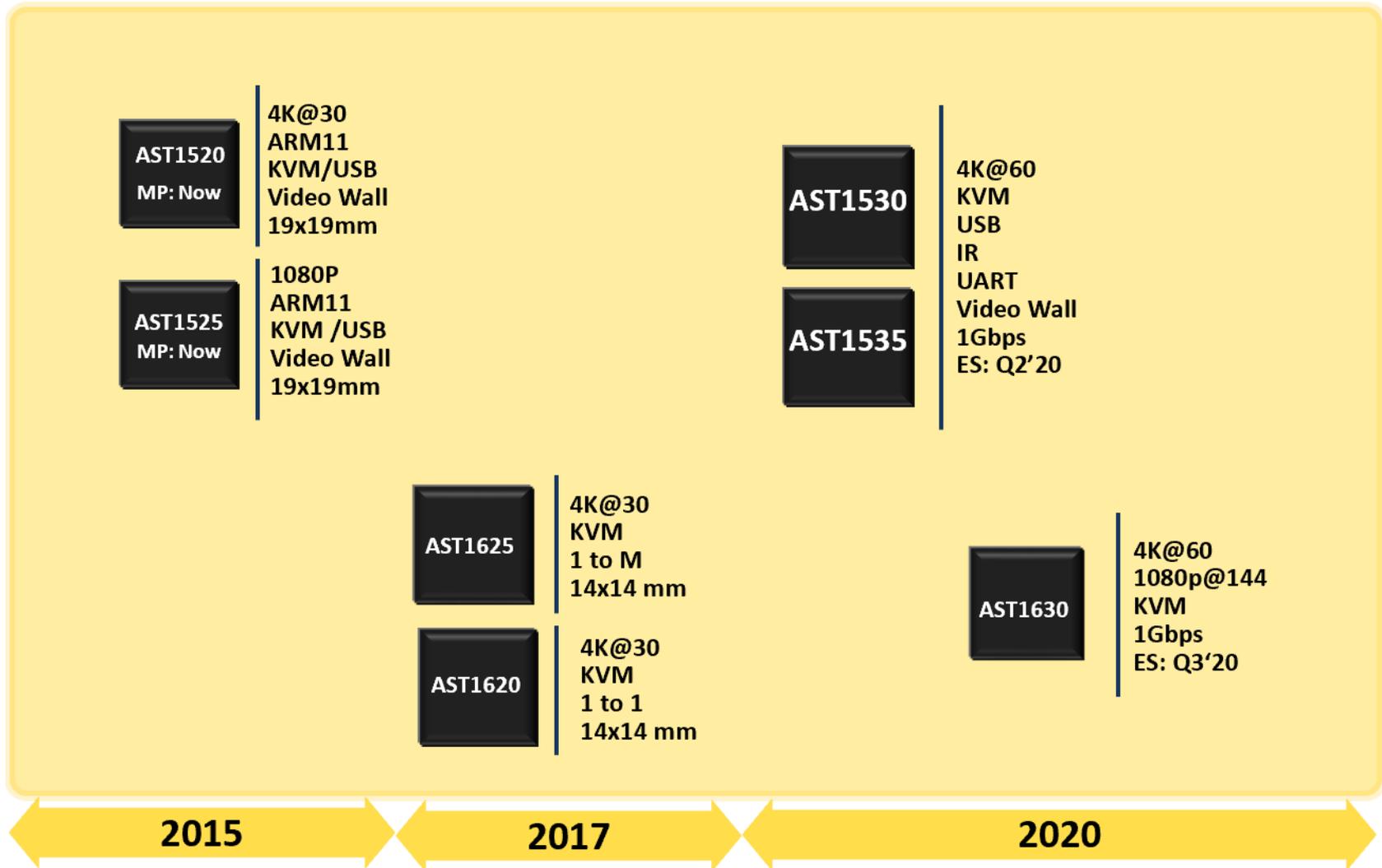
**Server Management
SoC Solutions**

**PC/AV Extension
SoC Solutions**

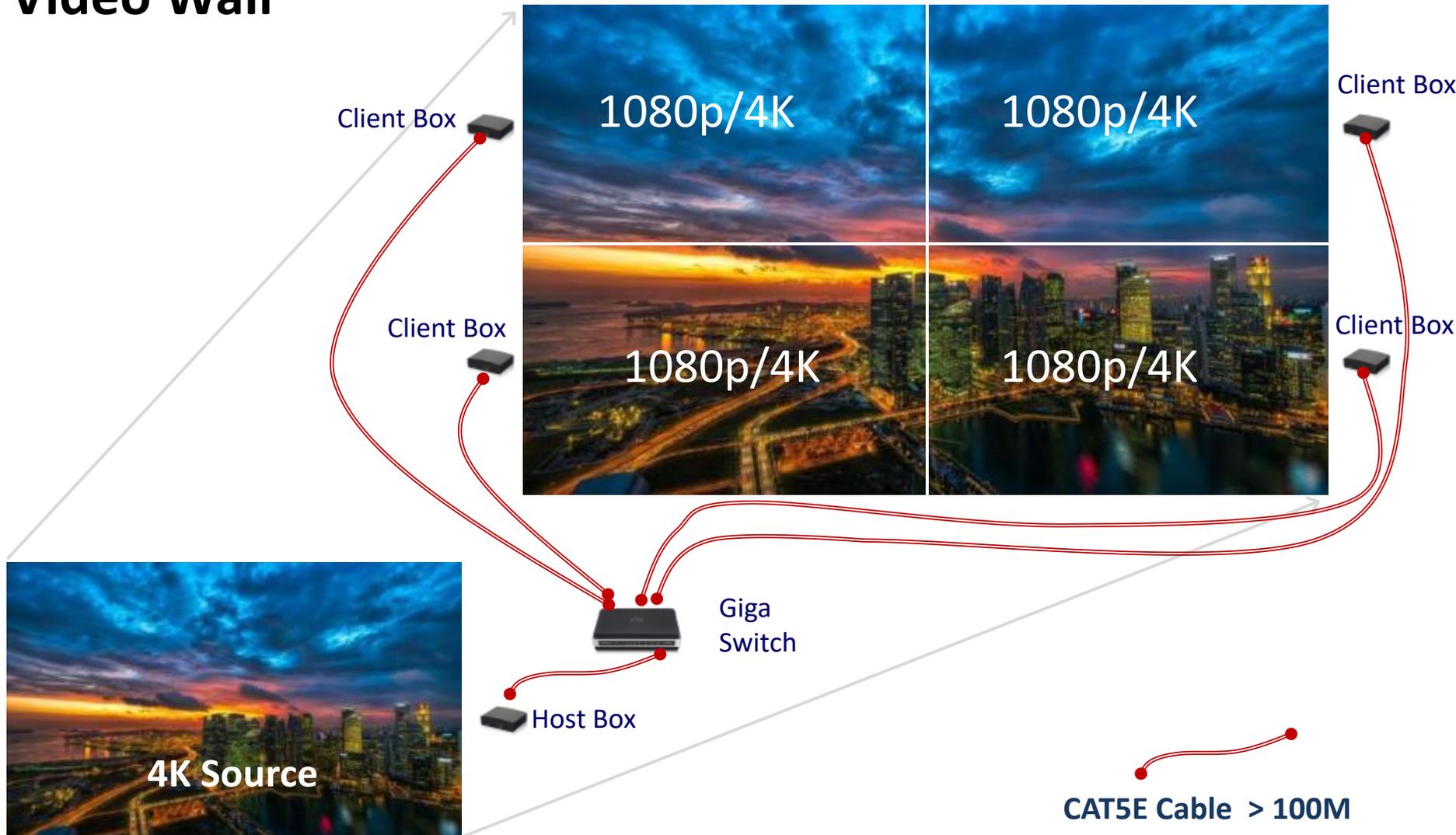


**360 Spherical Image
Processor SoC**

A/V over IP Roadmap



Video Wall



Product Portfolio



Server Management
SoC Solutions

PC/AV Extension
SoC Solutions

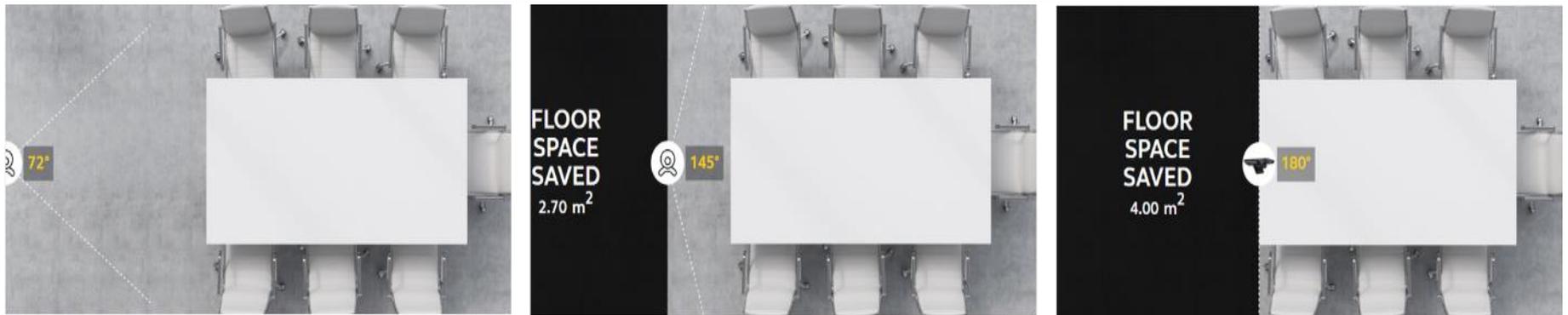


360 Spherical Image
Processor SoC

Huddle Rooms as Mainstream



“**Huddle rooms** are projected to replace almost **70%** of all meeting rooms by 2022” - Frost & Sullivan Market Research



Wide Angle (180° & 360°)

Mobile & Portable

Plug & Play

Cupola360 Video Conference Solutions

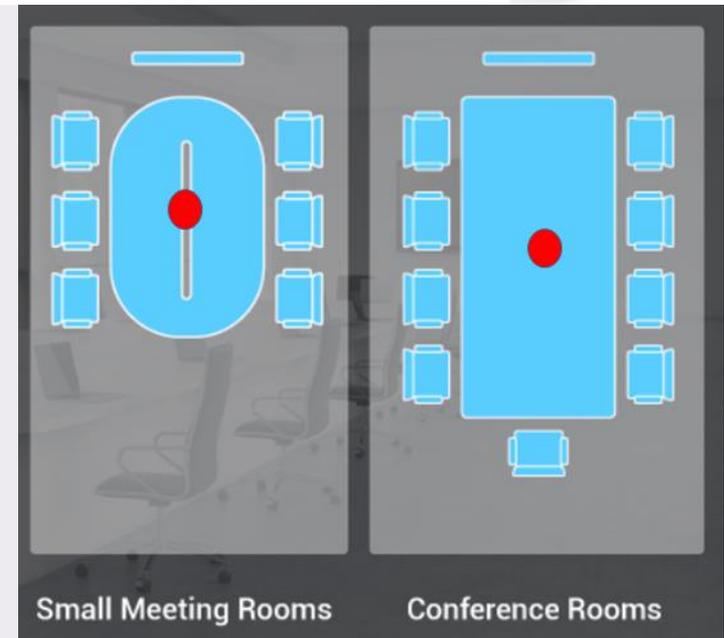
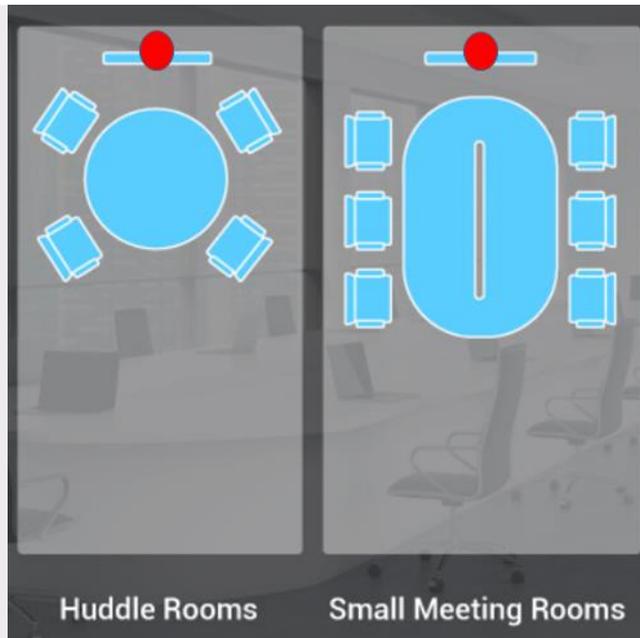
Application	180 degree VC	360 degree VC
FoV	180(H) x 90(V)	360(H) x 60(V)
Resolution	3840x1920@30fps	3840x2160@24fps(16:9) 1920x1080@30fps (16:9) 3840x640/960@30fps(6:1/4:1)

Advantages



Video Conference Use Cases

● Camera



Cupola360 Chipset

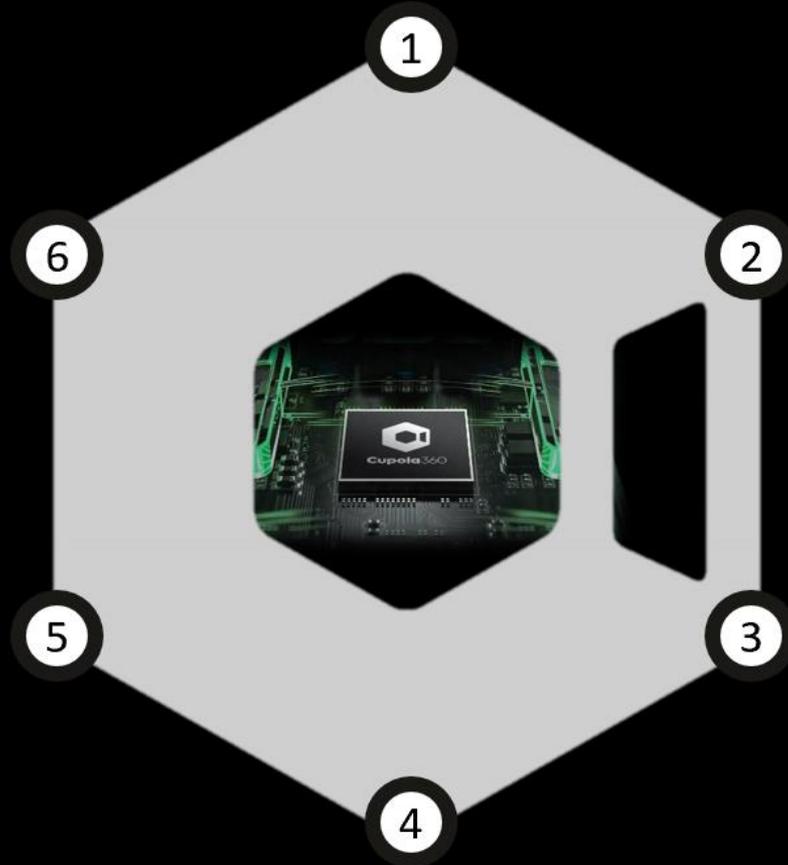
**Cupola360 VC
Reference Design**

**Cupola360
HDK & SDK**

**Manufacture
Calibration Tool
& Software**

**Cupola360
Studio for VC
(Windows/Mac/Android)**

**Calibration-ready
Multi-cam Module**



Innovative Design for Future VC **ASPEED**

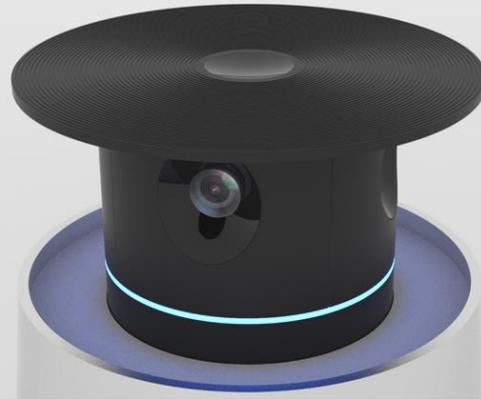


4-cam Video Conference ID



Combo Designs

5G Hub + VC



Smart Speaker+ VC





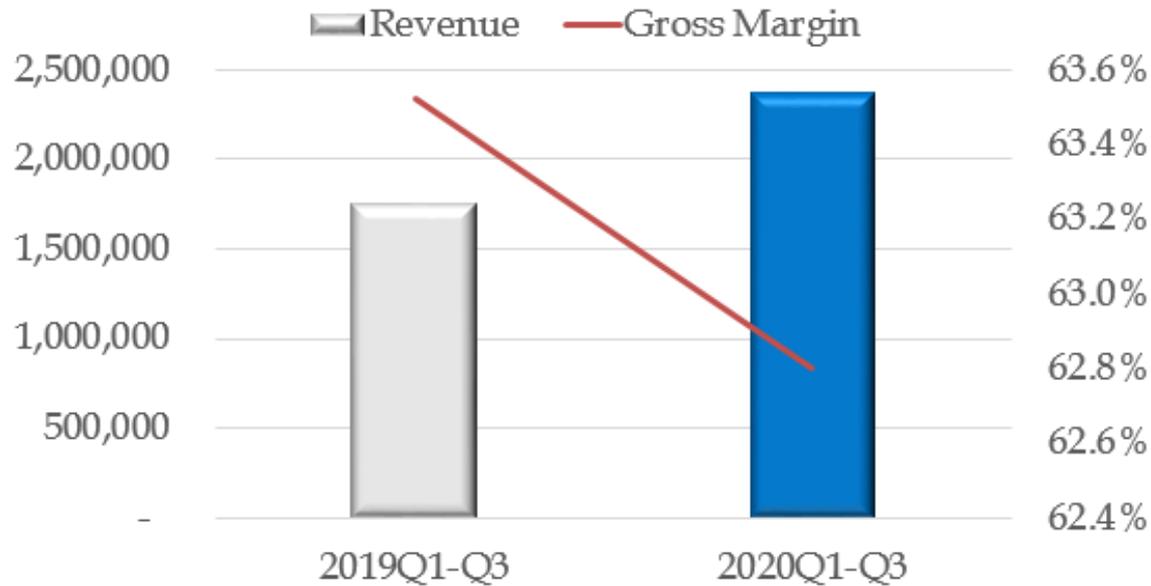
Cupola 360

Memories in 360°

Consolidated Revenue



Unit : NTD 1,000

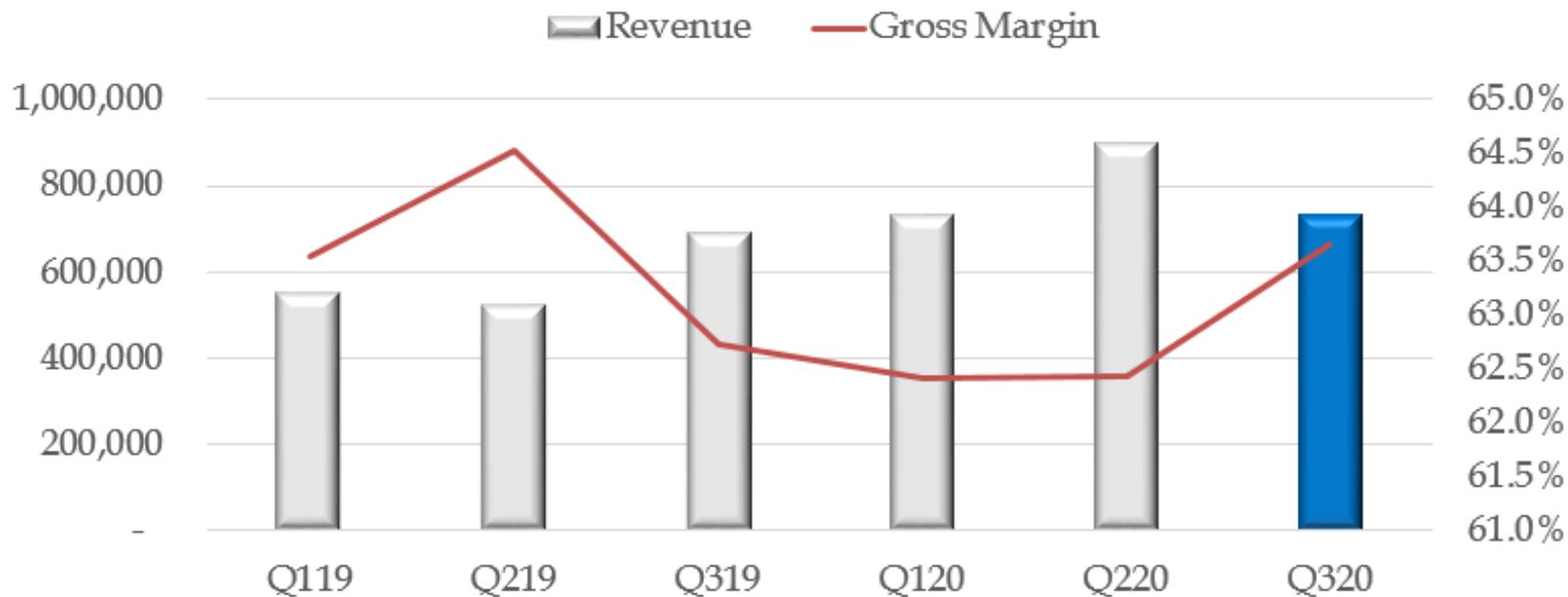


Year	2019Q1-Q3	2020Q1-Q3	YOY
Revenue	1,761,337	2,366,229	34.3%
Gross Margin	63.5%	62.8%	(1.1%)

Consolidated Revenue



Unit : NTD 1,000

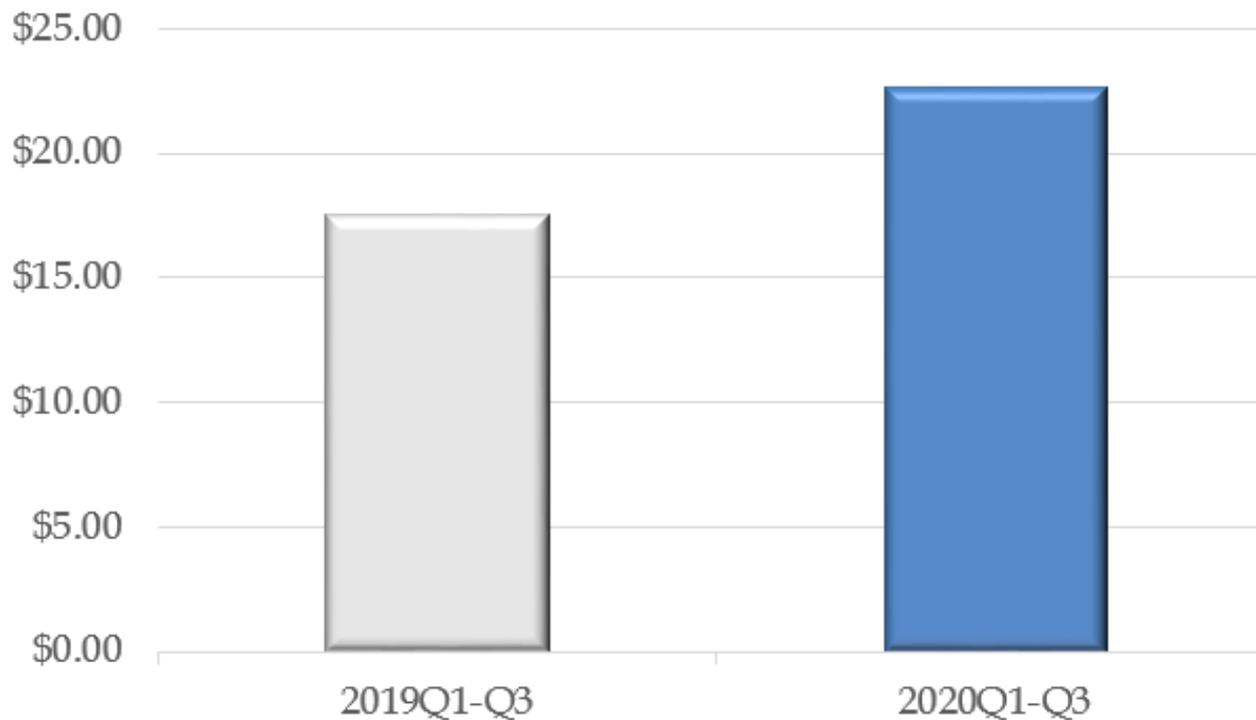


Quarterly	Q119	Q219	Q319	Q120	Q220	Q320	YOY	QOQ
Revenue	551,125	522,942	687,270	732,368	901,353	732,508	6.6%	(18.7%)
Gross Margin	63.6%	64.5%	62.7%	62.4%	62.4%	63.7%	1.6%	2.0%

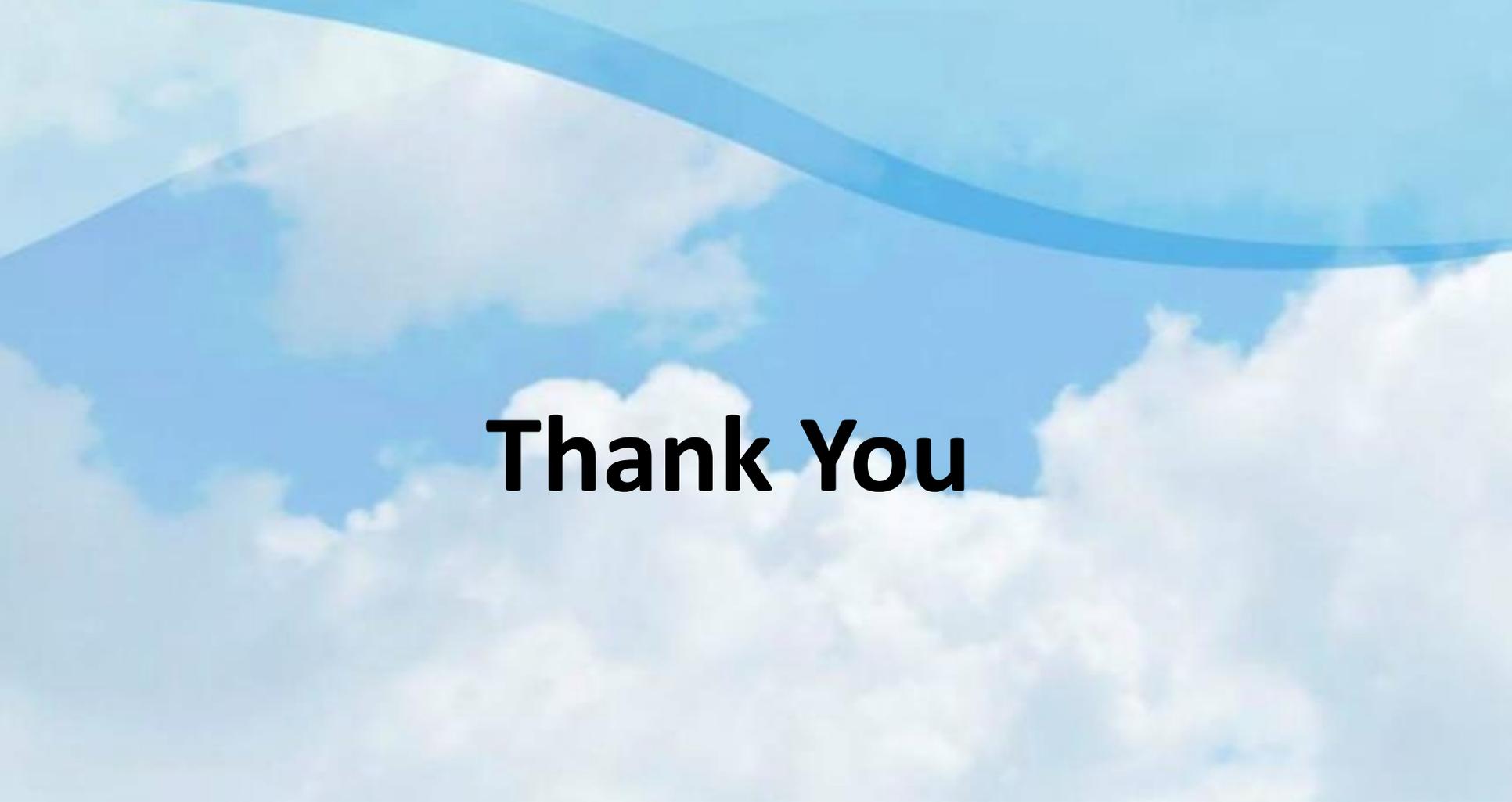
Consolidated Earning Per Share



Unit : NT\$



Year	2019Q1-Q3	2020Q1-Q3	YOY
EPS	\$ 17.57	\$ 22.64	28.9%



Thank You