



BOE

COMMERCIAL DISPLAY 2022

PT. BOE Technology Indonesia
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<https://www.boe.com/en>

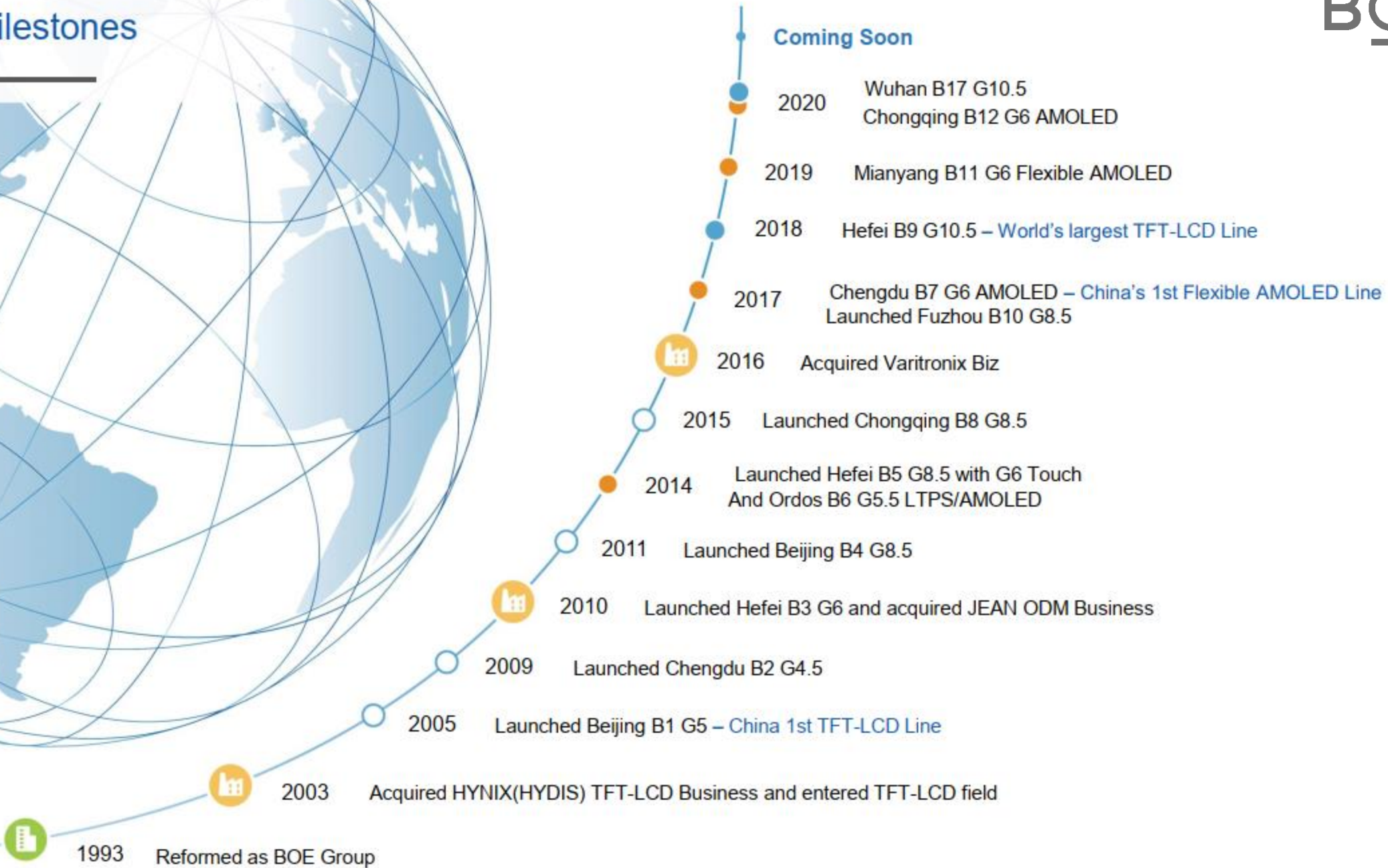
WHO IS BOE ?



BOE Technology Group Co., Ltd., founded in April 1993, is an IoT company providing intelligent interface products and professional services for information interaction and human health. BOE's three core businesses are Interface Devices, Smart IoT Systems and Smart Medicine & Engineering Integration.

In 2019, BOE's yearly new-patent applications amounted to 9657, of which over 90% are invention patents, amounting to over 70,000 usable patents in total. Data from IFI Claims also shows that BOE has ranked 13th among the Top 50 USPTO (The United States Patent and Trademark Office) Patent Assignees in 2019. According to the 2019 International PCT Applications of WIPO, BOE ranked No.6 with 1,864 applications.

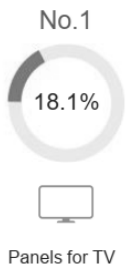
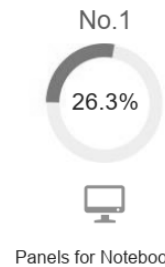
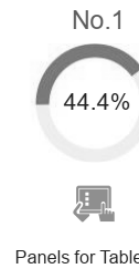
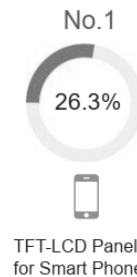
Key Milestones



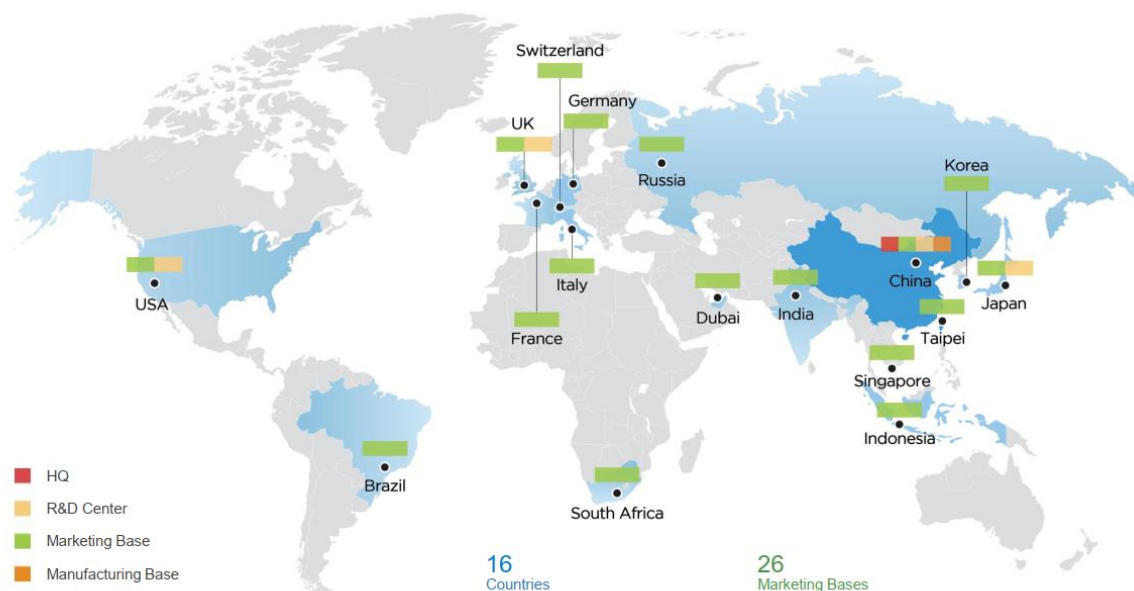
WHY BOE?



No. 1 Market Share on Display Panel Industry
with \$ 30 B Sales Revenue



GLOBAL BUSINESS NETWORK



OUR TOP CLIENTS



*most of electronics companies use BOE's LCD and LED panels for their products

NIKKEI Asia

News by Location Business Markets Tech Politics Economy

CHINA TECH

Apple taps China's BOE for premium displays for iPhone 13

Move likely to put price pressure on existing suppliers Samsung and LG

Twitter Facebook LinkedIn

phoneArena

Huawei Mate X2 5G to use BOE foldable displays instead of glass from Samsung

By Alan Friedman | @wolfcallspits

Feb 15, 2021, 1:20 AM

HUAWEI Mate X2

2021.2.22 | 新一代折叠旗舰发布会

Patent Application Status

Since 2014, BOE ranked No.1 in the world of TFT-LCD Industrial in new-patent application quantity.

- Total over 70,000 usable patents as of 2020
- Over 13,000 OLED related patents
- More than 90% of invention patents and more than 35% of overseas patents cover the United States, Europe, Japan, South Korea and other countries and regions.



242	↓	Movistar	Spain	Telecoms
451	↑	BOE	China	Tech
299	↓	Broadcom	United States	Tech
461	↑	Wipro	India	Tech

tek.id
Technology, Innovation, Lifestyle

Home / Tek

Erlanmart • Rabu, 24 Mar 2021 14:58 WIB

BOE jadi pemasok layar OLED Samsung untuk pertama kalinya

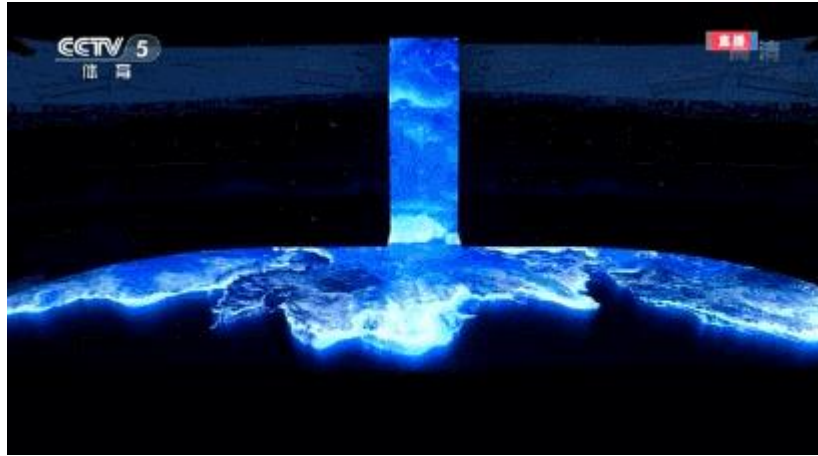
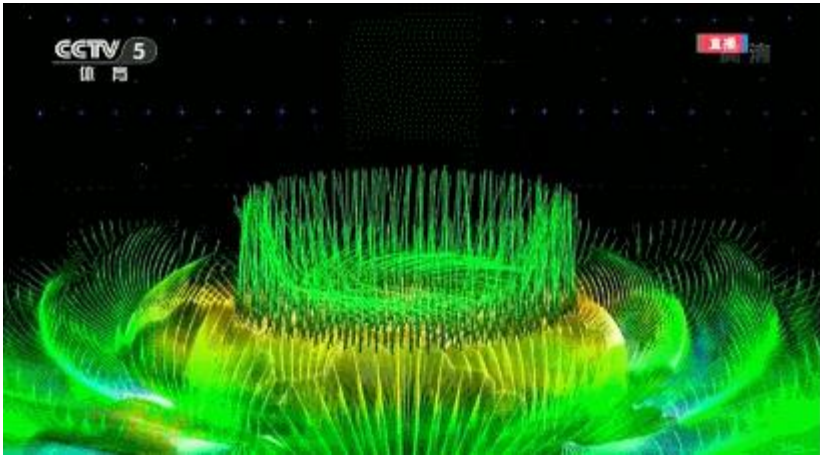
Panel tersebut menggunakan teknologi dan bahan yang berbeda dari layar kaca pada umumnya. OLED fleksibel berbasis pada bahan substrat fleksibel.

Top 100 Global Innovators 2022

Alphabetical list ordering

Innovator	Country/region	Industry	Recognition (2012-22)	Highlights
3M	United States	Chemicals and materials	2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022	🏆
ABB	Switzerland	Industrial systems	2012, 2014, 2015, 2020, 2021, 2022	
AGC	Japan	Chemicals and materials	2014, 2015, 2018, 2019, 2020, 2021, 2022	
Airbus	France	Aerospace and defense	2012, 2013, 2014, 2022	
Alibaba	China, Mainland	Software, media, fintech	2022	👁️
Alstom	France	Energy and electrical	2014, 2017, 2018, 2019, 2020, 2022	
Ant Group	China, Mainland	Software, media, fintech	2022	👁️
ASML	Netherlands	Semiconductors	2012, 2022	
AU Optronics	Taiwan	Electronics and computing equipment	2022	👁️
BASF	Germany	Chemicals and materials	2012, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022	
BOE Technology	China, Mainland	Electronics and computing equipment	2022	👁️
Boeing	United States	Aerospace and defense	2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022	🏆
Bosch	Germany	Industrial conglomerate	2013, 2022	

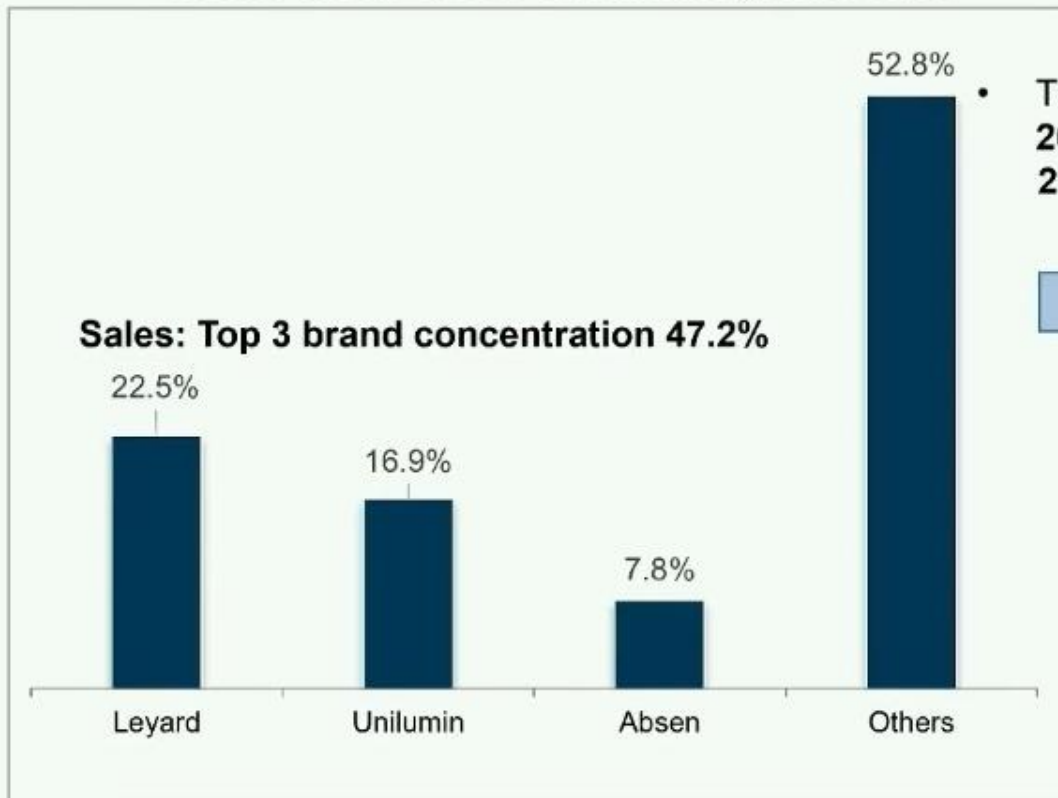
BOE Supports LED for the Beijing 2022 Winter Olympics Event



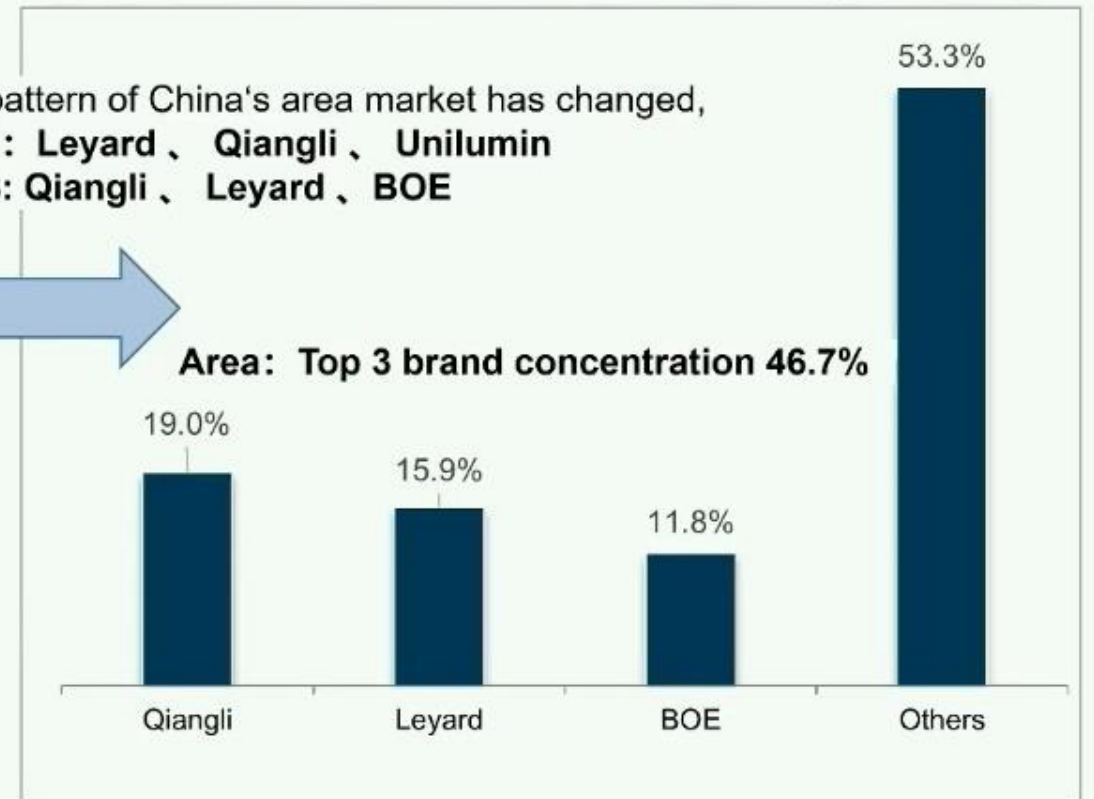
BOE's LED at the Beijing 2022 Winter Olympics Opening Ceremony is the world's largest 8K LED setup to date. Spanning over 10,393 square meters of display panels, each LED panel has an 8K resolution and high-resolution fusion technologies to make the performance as clear and detailed as possible. Other technological highlights of the setup also include its 3840Hz ultra-high refresh rate, 100000:1 ultra-high contrast ratio, all in a total resolution of 29900×15096 pixels.

Last but not least is the giant LED snowflake at the center of the stadium. BOE made 96 smaller LED snowflakes within the giant snowflake, with six branches of the ice tips of the giant snowflakes branching out to show off this unique design for the world to admire. The entire snowflake is made with a total of over 550 thousand small LED light bulbs to provide a delicately detailed portrayal of how the artist wanted the snowflake to be a uniting symbol of all athletes in the 2022 Beijing Winter Olympic Games.

2021H1 Global LED NPP end market by brand- sales



2021H1 Chinese Mainland LED NPP end market by brand - area



• The brand pattern of China's area market has changed,
20H1 TOP3: Leyard 、 Qiangli 、 Unilumin
21H1 TOP3: Qiangli 、 Leyard 、 BOE

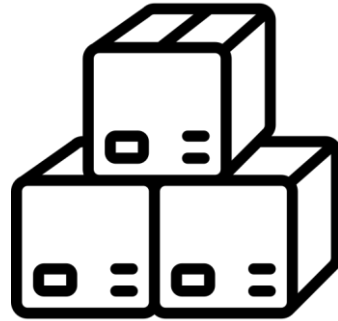
Data source: DISCIEN

Note: the shipment statistics are based on the terminal brand, excluding the OEM quantity

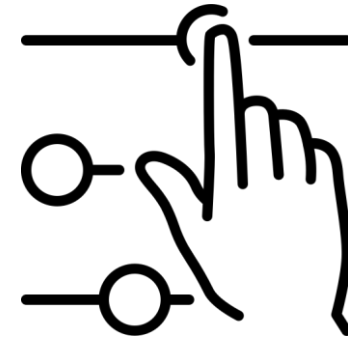
WE OFFER YOU :



HIGH QUALITY



WIDE RANGE
PRODUCT



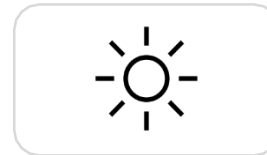
CUSTOMIZABLE

BECAUSE OF WE ARE NO.1 DISPLAY MAKER IN THE WORLD

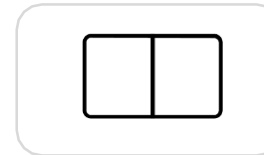
MINI LED – INDOOR



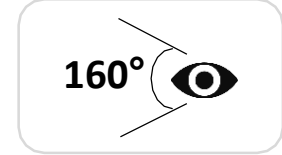
Key Feature



Brightness
450 nits &
More



Cabinet & Modules
Type



Wide View
Angle



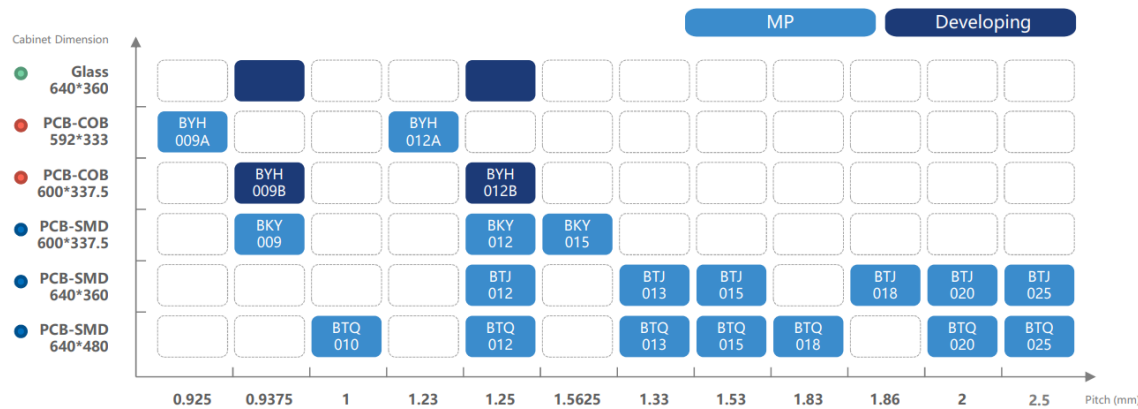
Tools & Wires
Protected



3840 Refresh Rate

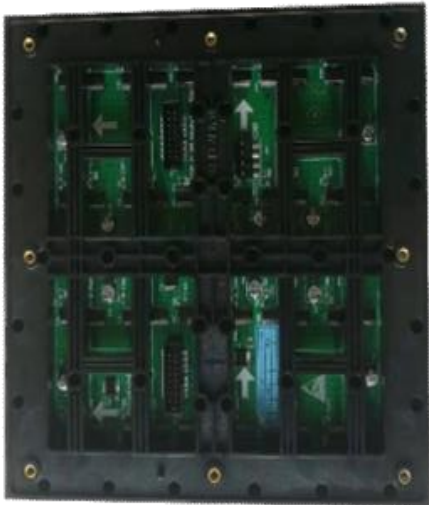
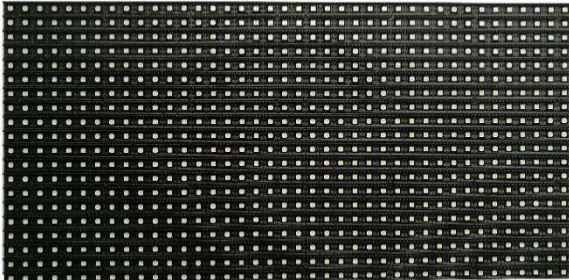


SMD
Technology



Model	Size
BTQ	P1.2, P1.5, P1.8, P2.0, P2.5

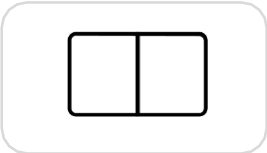
LED - OUTDOOR



Key Feature



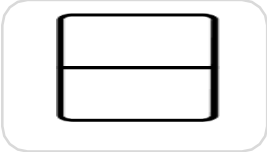
Brightness
4000 nits &
More



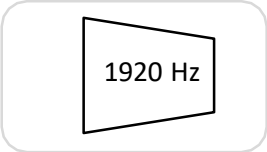
ModulesType



Wide View
Angle



Lightweight
Module



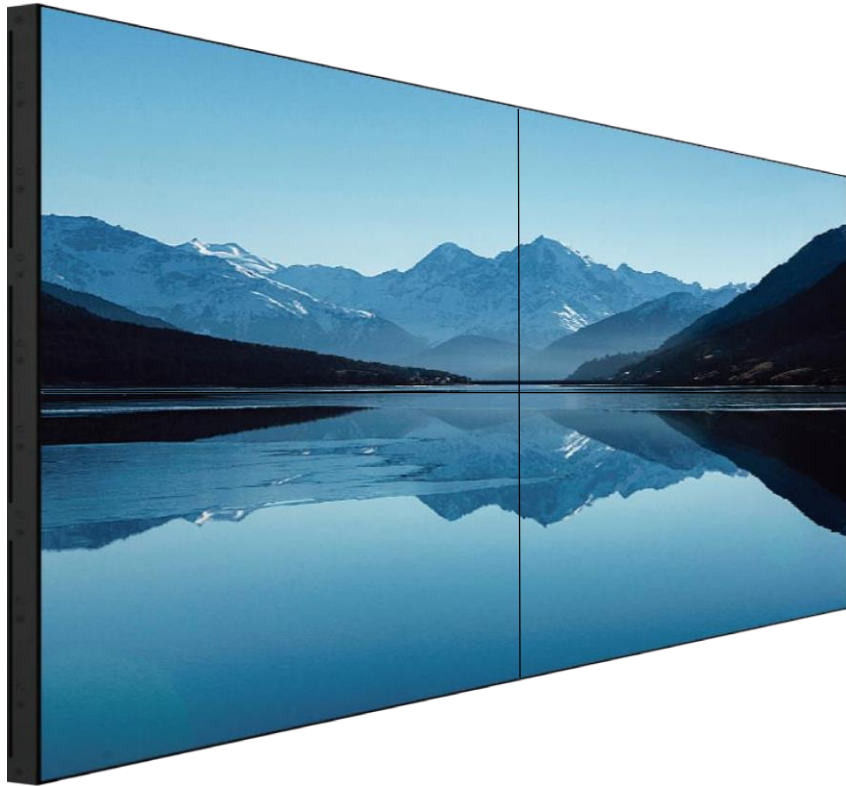
1920 Refresh Rate



SMD
Technology

Model	Size
BTS	P2.5, P3, P4, P5, P6, P8 P10

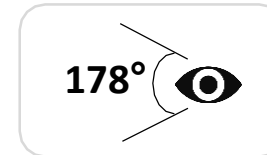
VIDEO WALL 46/49/55/65/75



Key Feature



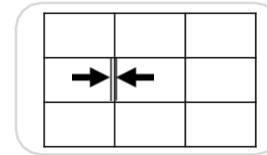
Ultra HD Resolution



Wide View Angle
ADSDS LCD Technology



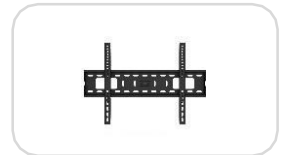
Dynamic Backlight
Adjustment
Enhance Contrast



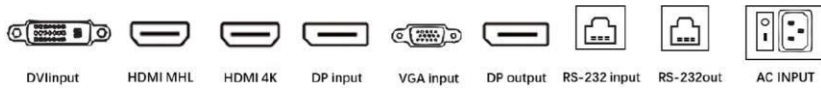
Ultra Narrow Bezel:
BtoB 3.5mm → 0.88mm



DP Daisy Chain



VESA Wall Mount

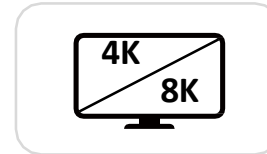


Size	Bezel to Bezel (mm)	Resolution	Brightness(nits)
46 inch	3.5/1.7/0.88	1920 x 1080	500
49 inch	3.5	1920 x 1080	500/700
55 inch	3.5/1.7/0.88	1920 x 1080	500/800
65 inch	3.5	3840 x 2160	500
75 inch	3.5	3840 x 2160	500

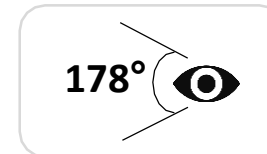
GIANT DISPLAY (98/110)



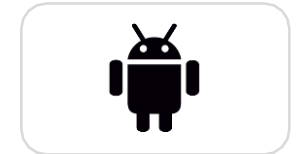
Key Feature



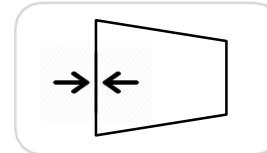
Ultra HD Resolution



Wide View Angle
ADSDS LCD Technology



Android SoC
(Monitor Optional)



Slim Even
Bezel 17mm



MEMC Support
Fluent High
Speed Animation



Local Dimming
Higher Dynamic Contrast Ratio
Lower Power Consumption

Model	Size	Resolution	Brightness (nits)	Dimension (W x H x D, mm)	Interface
GM98A-M	98	3840 x 2160	500	2198 x 1253 x 79	HDMIx4, DPx2
GM110A-M	110	3840 x 2160	500	2744 x 1408 x 90	HDMIx4, DPx2
GU110A-A	110	7680 x 4320	500	2744 x 1408 x 90	VGA, HDMIx3, HDMIx4, 2.08K, HDMIx1, 2.18K

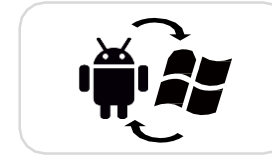
INTERACTIVE WHITE BOARD (65/75/86/98)



Key Feature



Ultra HD Resolution



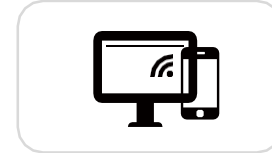
Dual System:
Android 8.0
Windows OPS



Wide View Angle
ADSDS LCD Technology



Multi Touch
20 points



Wireless Presentation



Annotation

Model	Size	Resolution	Brightness (nits)	OPS (optional)	Camera (optional)
IC65A-I2	65	3840 x 2160	350	I3/i5/i7	√
IC75A-I2	75	3840 x 2160	350	I3/i5/i7	√
IC86A-I2	86	3840 x 2160	350	I3/i5/i7	√
IC98A-I	98	3840 x 2160	460	I3/i5/i7	-

A-FRAME (32/43)



WHITE
 BLACK


 HDMI


 USB


 LAN


 WI-FI

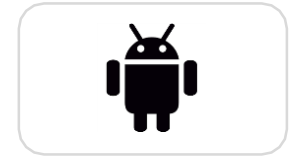
Key Feature



Easy to Move



Slim Design



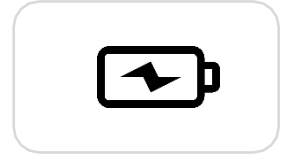
Android SoC



Cloud CMS



Offline USB Playback
On-Off Timer



Battery Backpack
(Optional)

Model	Size	Resolution	Brightness(nits)	HDMI (Optional)
DA32A-A	32	1920 x 1080	350	√
DA43A-A	43	1920 x 1080	350	√
DA43AW-AHE	43	1920 x 1080	1000	-

T&L FRAME (43/49/55)



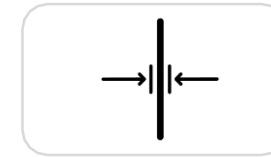
WHITE
 BLACK



Key Feature



FHD Resolution



Slim Design



Android SoC



Cloud CMS



Offline USB Playback
On-Off Timer





Stand Against Wall
(L Stand Optional)

Model	Size	Resolution	Brightness(nits)	L-Stand (Optional)
DT43A-A	43	1920 x 1080	350	√
DT49A-A	49	1920 x 1080	350	√
DT55A-AL	55	1920 x 1080	300	√
DT55A-AH	55	1920 x 1080	800	√

FLOOR STANDING SINGLE (43/49/55/65)



 METAL
 BLACK

 HDMI

 USB

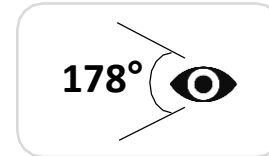
 LAN

 WI-FI

Key Feature



FHD Resolution



Wide View Angle
ADSDS LCD Technology



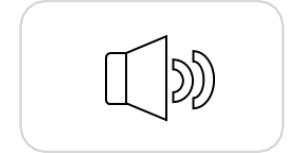
Android SoC
(Monitor Optional)



Cloud CMS



Tempered Glass





Built-in Speaker

Model	Size	Resolution	Brightness(nits)	Touch (Optional)
FE43A-ALA	43	1920 x 1080	400	√
FE49A-ALA	49	1920 x 1080	400	√
FE55A-ALA	55	1920 x 1080	400	√
FE65A-ALA	65	1920 x 1080	450	√

FLOOR STANDING DUAL (43/49/55)



 METAL
 BLACK

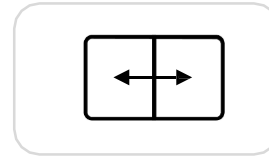
 HDMI

 USB

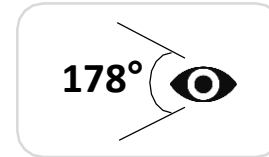
 LAN

 WI-FI

Key Feature



Dual Display
 Support Synchronous &
 Asynchronous Display



178°
Wide View Angle
ADSDS LCD Technology



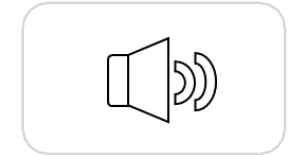
Android SoC
(Monitor Optional)



FHD Resolution



Tempered Glass



Built-in Speaker

Model	Size	Resolution	Brightness(nits)	Touch (Optional)
FE43A-ALA	43	1920 x 1080	400	√
FE49A-ALA	49	1920 x 1080	400	√
FE55A-ALA	55	1920 x 1080	400	√

OUTDOOR (43/49/55/65/75)



HDMI



USB



LAN



WI-FI

Key Feature



High Brightness
2000/2500nits



Ultra HD Resolution



Android O/S
(Monitor Optional)



Water and Dust
Resistant



AR Tempered Glass



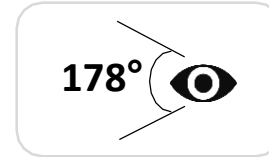
Fan Cooling

Model	Size	Resolution	Brightness(nits)	Touch (Optional)
OF43A	43	1920 x 1080	2000	√
OF49A	49	1920 x 1080	2000	√
OF55A	55	1920 x 1080	2500	√
OF65A	65	3840 x 2160	2500	√
OF75A	75	3840 x 2160	2500	√

BAR DISPLAY (19/24/28/29/37/48/23.1/47.1)



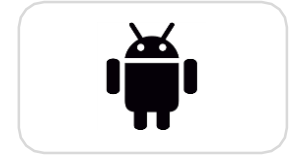
Key Feature



Wide View Angle
ADSDS LCD Technology



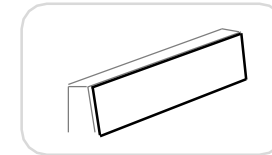
Super Slim Design



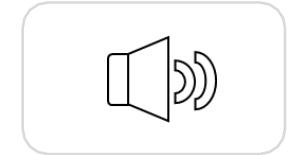
Android SoC



Cloud CMS



Suitable for
Shelf Installation



Built-in Speaker

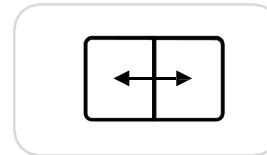
Model	Size	Resolution	Brightness (nits)	Body Dimension (W x H x D, mm)
BM19A-AS	19	1920 x 360	300	494.9 x 112.9 x 55
BM24A-AS	24	1920 x 360	300	616.1 x 135.6 x 55
BM28A-AS	28	1920 x 360	700	735.4 x 168.4 x 55
BM29A-AS	29	1920 x 540	700	724.2 x 229.7 x 55
BM37A-AS	36.6	1920 x 290	700	963.4 x 177.8 x 51
BM48A-HS	48	3840 x 720	1000	1221 x 251.4 x 53.5
BM23A-AS	23.1	1920 x 158	400	597.2 x 60.2 x 16.6
BM47A-HS	47.1	3840 x 160	500	1211.2 x 67.5 x 24.3

WINDOW FACING (49/55)



- GRAY
- HDMI
- USB
- LAN
- WI-FI
- AUDIO

Key Feature



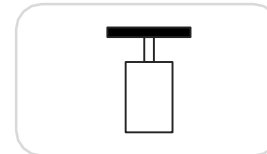
Dual Display
Support Synchronous & Asynchronous Display



Applicable for Outdoor and Indoor



Android SoC



Ceiling Installation



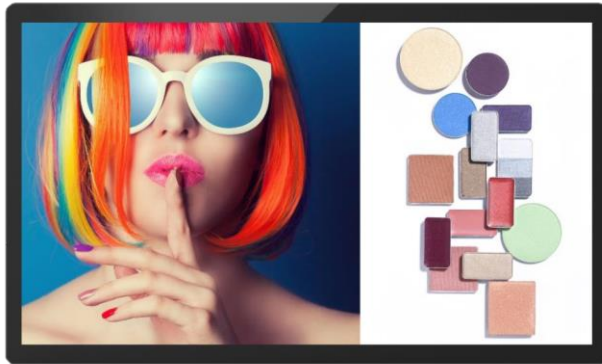
Slim Design



Fanless Cooling System

Model	Size	Resolution	Brightness(nits)	Set Weight
WC49A-PH257	49	1920 x 1080	2500+700	21Kg
WC55A-PH257	55	1920 x 1080	2500+700	24Kg
WC49A-PH77	49	1920 x 1080	700+700	21Kg
WC55A-PH77	55	1920 x 1080	700+700	24Kg

SMALL SIGNAGE (10/22/32)



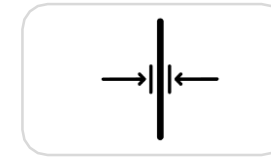
■ BLACK



Key Feature



FHD Resolution



Slim Design



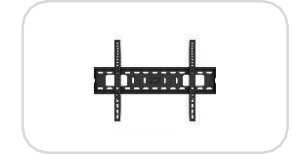
Android SoC



Cloud CMS



Offline USB Playback
On-Off Timer



Portrait & Landscape
Installation

Model	Size	Resolution	Brightness(nits)	Set Weight
TE10A	10	1280 x 800	300	0,7 Kg
SE22L-BBA	22	1920 x 1080	250	4,2 Kg
SE32B-ASA	32	1920 x 1080	250	11 Kg

CONTENT MANAGEMENT SYSTEM

BOE CMS

A System With No Hidden Costs and Easy to Manage

BOE CMS helps users create, manage, and modify content without the need for specialized technical knowledge. It allows them to :

- Upload, Create, and Customize Content
- Schedule Content
- Monitoring and Controlling Device

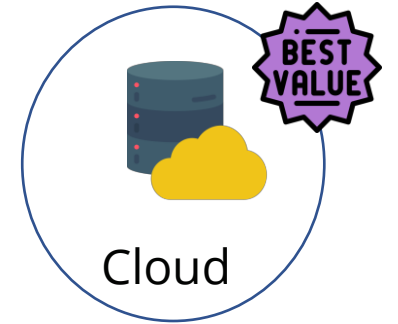
BOE offers both on-premise and cloud scenario for CMS.

Release process



On-Premise

OR



Cloud

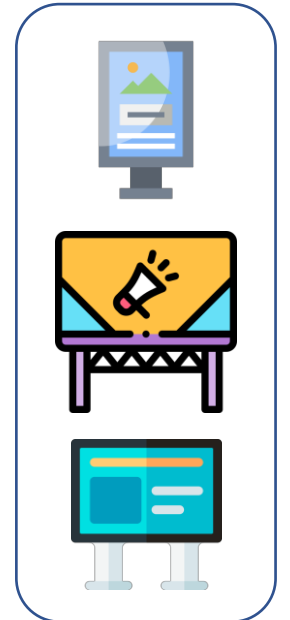
Contents are given to content manager



Content Uploaded to Cloud CMS



Contents distributed through cloud



Contents received and playing on screens

USE CASE SCENARIO: THEME PARK

WORLD'S LARGEST UNIVERSAL STUDIO : UNIVERSAL BEIJING RESORT



USE CASE SCENARIO: FINANCIAL SERVICES / FSI

BOD MEETING ROOM, BANK MANDIRI - INDONESIA :



BANK IN CHINA :

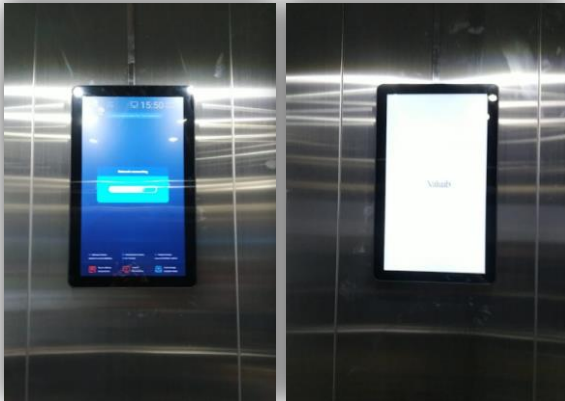
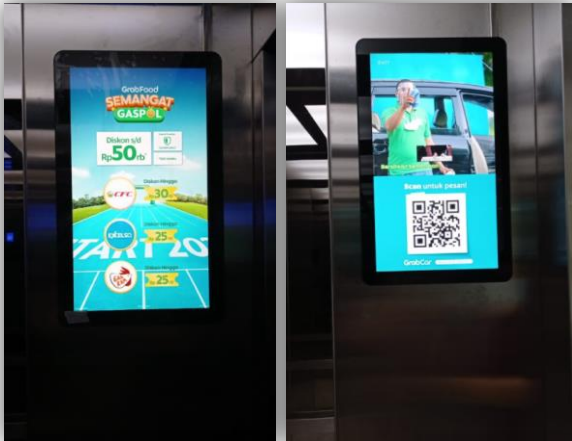


USE CASE SCENARIO: DOOH

ADVERTISEMENT & - CHINA :



CENTRATAMA - INDONESIA :



TMN Media - INDONESIA :



SHOPPING MALL - INDONESIA :



USE CASE SCENARIO : TRANSPORTATION

MOSCOW METRO TRAIN RUSSIA :



MOSCOW CENTRAL DIAMETERS RUSSIA :



BUS STOP RUSIA :



USE CASE SCENARIO: RETAIL

LOTUS PROJECT THAILAND :



AUDIO PRO AUSTRALIA :



SHABU JIN INDONESIA :

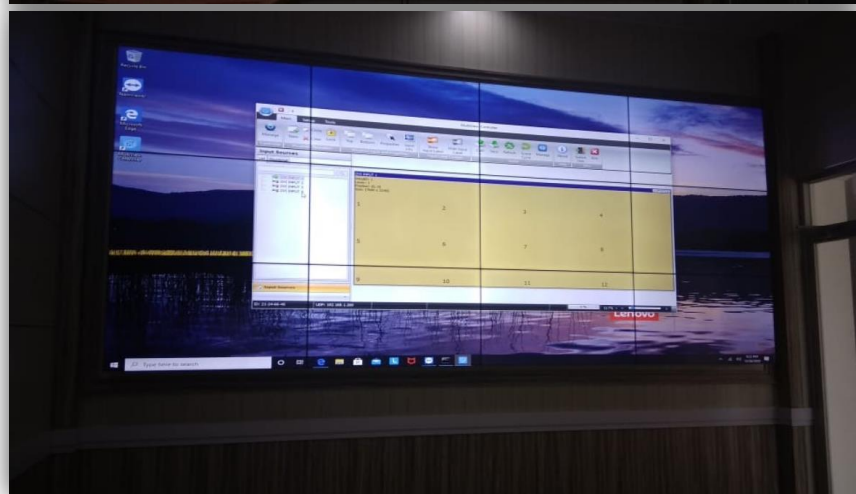


INDOMARET INDONESIA :



USE CASE SCENARIO: GOVERNMENT

MARKAS TENTARA NASIONAL INDONESIA :



KEMENKUMHAM - INDONESIA :



USE CASE SCENARIO: EDUCATION

STPB NHI - BANDUNG, INDONESIA :



UIII - INDONESIA :



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