

Company Presentation 2025

Integration Solution Provider of Taiwan Wah Lee Industrial Corp.  : **California**  : **Austin**  : **New York**



Engineering Plastic



Industrial Material



Refrigerant



Semiconductors



Opto Electronics



Power Component

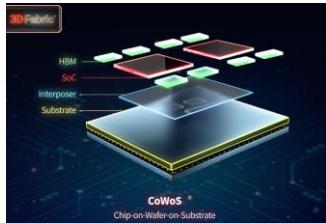


Information Displays

- Wah Lee Industrial Corp
- Advance Hightech Solutions
- Display Solutions

Wah Lee introduce and develop advanced materials, equipments, and technologies, as well as provide high value-added services.

Advance Hightech Solutions Inc. will act as a new Wah Lee Industrial Corp. branch in USA.



Taiwan



American



Company Name: Wah Lee industrial corp
Established : 1968
Location: Taiwan
Chair and CEO: Mr. Gary Chang
<https://www.wahlee.com/EN>

Company Name: Advance Hightech Solutions
Established : 2023
Location: California USA
<https://www.advancehightech.com>

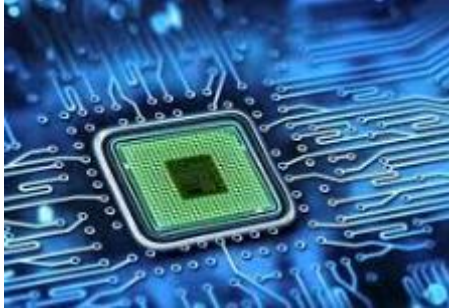
Wah Lee has been transferring successful experiences to overseas sites and becoming a total solution provider of high-end materials, equipment, and technologies.

Engineering Plastic



- computer peripherals
- Electronic components
- electronic panels
- medical products
- mechanical parts

Semiconductors



- CMP Slurry, CMP Pad
- Process chemical
- Silicon wafer
- Special gas
- Spare parts

Industrial Displays



- Portable signage
- Digital signage
- Trade show display
- Business sign

Opto Electronics



- Optical transceiver
- LED component
- Process equipment
- Driver controller IC
- Power management IC

Industrial Material



- Refrigerants
- Composite materials
- Chemicals
- Carbon fibers

<https://www.advancehightech.com>

Industrial Display

Industrial LCD

OLED

Touch LCD Kit

MiniLED

Tablet PC

MicroLED

Portable
Signage



Industrial LCD

Standard



- 1.5"~15" Full range
- Common types of display interface
- Cover glass and touch lamination
- Up to 1,000 cd/m2 high brightness
- IPS Wide viewing angle
- Wide temperature range -20°~70 °
- 50,000 hours backlight life

Customized



- **Display Accessory**
- **DC to DC conversion board**
- **Various Interface Definitions**
- Wider Operation Temperature -30 ° ~85 °
- Housing or enclosure design
- System integration

Standard LCD for quick design

Size (In.)	Part#	Resolution	Brightness (nits)	Outline Dimensions (mm) - [x]	Outline Dimensions (mm) - [y]	Outline Dimensions (mm) - [z]	Interface	Operating Temperature (°C)
1.4	LMMM5014PQ81	240x240	800	30	35	2.2	SPI	-20 ~ +70
1.77	LMMAB017DPN1	128x160	120	34.00	43.78	2.40	SPI	-20 ~ +70
2	LMCXA020BQ51	320x240	500	46.1	40.96	2.53	RGB	-20 ~ +70
2.4	LMMM024EQ61	240x320	600	42.72	60.4	2.2	MCU	-20 ~ +70
2.8	LMMM028EQ51	240x320	500	50.5	69.7	2.6	3-wire SPI/RGB + SPI	-20 ~ +70
3.5	LMMA5035EQN1	320x240	350	76.84	63.84	3.25		-20 ~ +70
4.3	LMIX0430NTN25V2	480x272	500	105.5	67.2	2.9	RGB	-20 ~ +70
5	LMMM7050BV71	800x480	680	120.7	75.8	3.1	RGB	-20 ~ +70
7	LMMM5070YS61	1024x600	650	164.9	100	3.5	LVDS	-20 ~ +70
10.1	LMMM7101AX11	1280x800	1000	229.7	149.15	5	LVDS	-20 ~ +70
10.4	LMWG3104EX11	1024x768	1600	236	176.9	5.7	LVDS	-20 ~ +70
11.6	LMWG7116ZMN1	1920x1080	300	264	172.8	4.2	eDP	-20 ~ +70
12.1	LMTAA121XX11	1280x800	1000	278	184	8.16	LVDS	-20 ~ +70
13.3	LMTAB133ZM11	1920x1080	1000	304.4	187.82	3.9	eDP	-20 ~ +70
14	LMIXA140ZXN1	1366x768	330	323.5	192	4.9	LVDS	-20 ~ +70
15	LMTAA150BX21	1024x768	2500	326.5	253.5	11.5	LVDS	-20 ~ +70
15	LMCAF150BXN2	1024x768	450	326.5	253.5	11.8	LVDS	-20 ~ +70

Touch LCD Kit to match IoT application



Features

- Dual-Core Xtensa® 32-bit LX7 Microprocessor, up to 240MHz
- Consists with 8MB PSRAM and 16MB NOR Flash
- Built-in 802.11b/g/n Wi-Fi and Bluetooth 5.0 for connectivity
- 1x 3.5" Panel, 320x480 pixel with PCAP Touch Screen function
- Rich IO: 1x Type C for debug, 1x UART, 1x Micro SD slot, 1x 12-pin FFC socket
- Operating system: FreeRTOS, develops with LVGL Library for friendly UI/UX Design
- The compact 3.5" panel kit is easy to affix on limited space for IoT application**
- operating in 0°C ~ 50°C and power by a 5~12V Power Input, 1x 2P Terminal Block Phoenix Contact



Tablet PC for Industrial HMI

- Industrial Grade Panel, 800x480 Resolution
- Wide Operating Temperature Range -30~ 85°C
- 10 points multi projected Capacitive Touch Screen
- Optional High Brightness 1500nits, for Outdoor Environment



**7" Panel PC (Intel
N3350/4200)**



**10.1" Panel PC (Intel
N3350/4200)**



**10.1" Panel PC (Android
RK3288)**

Portable Solar Power Signage

Advertisement, Exhibition, Trade Fair, Market, Conference

- 43" LCD display
- 1920 x 1080P resolution
- 2000 cd/m2 high brightness
- 1200:1 high contrast
- IP20/IP55 water proof
- 10 hours operation
- Solar power design



Wheels and handle
for moving



10 hours Battery



IP20/IP55



OLED Displays

Monochrome OLED



Full color OLED



Bendable OLED



Touch OLED



Transparent OLED



Character type OLED



OLED Displays

OLED Advantages

- **Ultra slim & thin**
- **Low power consumption**
- **Wide OP temperature - 40~+70C**
- **High contrast ratio**
- **Free viewing angle**



Standard OLED



Monochrome / Area Color



Character



Full Color

5.50"



3.12"



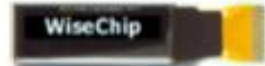
Wide Temperature Range

2.70"



Hyperfluorescence

1.04"



0.19"



3.67"



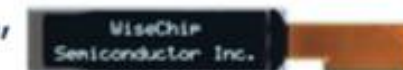
2.93"



2.89"



2.26"



1.69"



1.45"



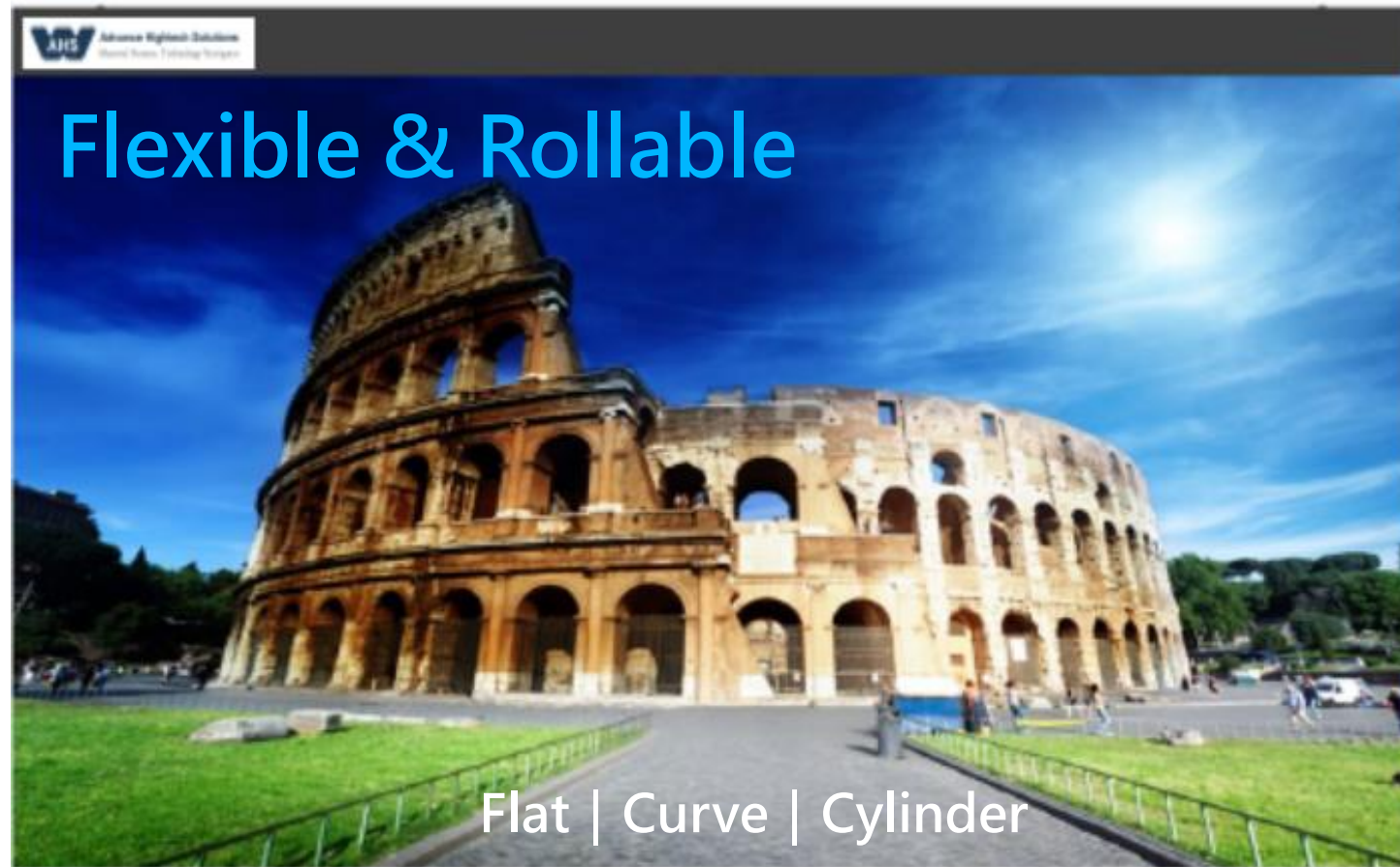
1.10"



0.95"



MiniLED for ultra-thin light-weight screen



- W1220 x H750 x D1.5 mm | 5.2 kg
- Low power consumption for ESG
- Active-Matrix Mini LED
- Seamless tiling with borderless
- Quick installation

MicroLED Display

To achieve ultra high brightness, high contrast and high transparency

Panel Size (in.)	16.1	17.3
Panel Dimension	165.9x397.7	394x248
Resolution	240x540	1280x720
Aspect Ratio	04:09	16:09
Power Consumption (w)	27 (full white)	36 (full white)
Luminance (nits) Full	600	1000
Luminance (nits) Peak	1500	3000
Transparency (%)	60	55
Color Gamut (%)	>98	>98
Interface	V by one	DP





Our Vision

Love of use

Total solution service

Global Bridging

Green Living