

# AI From Your Heart



Litemax is a leading developer of advanced industrial display & computing solutions.

## Litemax Electronics Inc.

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**LITEMAX**® Public Listed Company (4995.TW)



### Innovative Display Technology for a Smarter World

Litemax, established in 2000, has over 20 years of experience specializing in the innovative design and manufacturing of sunlight-readable LCDs, resized LCDs, industrial motherboards, embedded systems, edge computing, and tablet PCs.



Litemax's technology and innovation are capable of meeting diverse customization needs and providing highly efficient solutions for transportation, industrial, marine, digital signage, rugged portable devices, and data mining.



Our products are widely applied across various fields, including transportation, digital signage, smart automation, gaming, and AIoT/Industry 4.0. Litemax is a leading developer of advanced industrial display and computing solutions — your trusted and reliable partner!

## Boards & Modules

### 2.5" Pico-ITX Embedded Boards



#### APIX-EHL3

Intel® Elkhart Lake Atom® / Celeron® series SoC on board

- ▲ One 260-pin SO-DIMM up to 32GB DDR4 3200MT/s SDRAM
- ▲ Multi-Display Support
- ▲ One 2.5 Gigabit Ethernet support
- ▲ 2xHDMI, 2xUSB 3.0, 2xUSB 2.0, 2xCOM, 1xFull size Mini-PCIe, 1x B+M-Key 3042



#### APIX-TGL1

Intel® 11th Generation Tiger Lake® Core-i® / Celeron series SoC on board

- ▲ One 260-pin SO-DIMM DDR4 up to 32G 4267MT/s SDRAM
- ▲ Multi-Display: Dual HDMI/LVDS
- ▲ One Intel® Gigabit Ethernet port
- ▲ 2x M.2 PCIe expansion slots, 1xSATAIII, 2xCOM, 2xUSB 3.2, 2xUSB 2.0

### Special Embedded Foam Factor



#### ACDF-RPL0

intel® 13th Gen Raptor Lake-S/Alder Lake-S Core™ series processor with Q670/H610 chipset

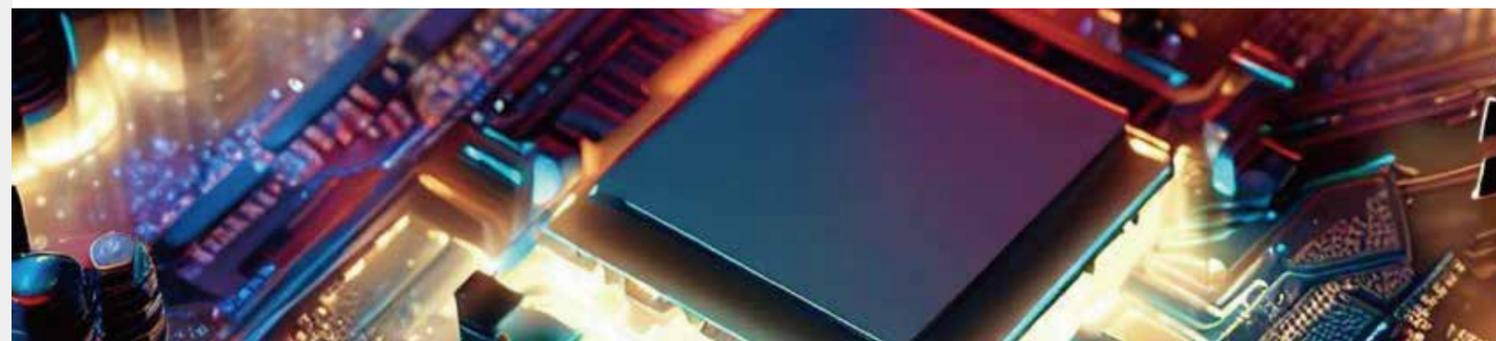
- ▲ Two 262-pin SO-DIMM up to 64GB DDR5 4800MHz SDRAM
- ▲ 4 x Display: 2DP 1.4a/2DP 1.4 via Type C
- ▲ 2 x Multi USB Type C (DP1.4/ PD2.0/ USB3.2)
- ▲ Dual Intel® 2.5Gigabit Ethernet ports



#### AMD-ARL1

Intel® 15th Generation support Core™ Ultra-5/ Ultra-7/ Ultra-9 S-processor

- ▲ Two 262-pin SO-DIMM up to 64GB DDR5 5600MT/s SDRAM
- ▲ Multi-Display: Dual DP
- ▲ Four Intel® 2.5 Gigabit Ethernet ports
- ▲ 1xM.2 B+M-Key 3042, 2xM.2 M-Key 2280, 2xSATAIII, 4xCOM, 8xUSB 3.2 and 3xUSB 2.0
- ▲ Support MXM Graphic Card





## Customization Service

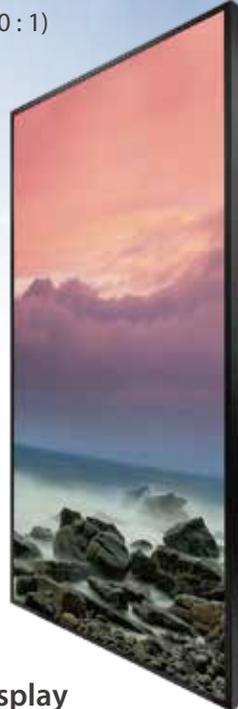
- ▲ Wide range of MOQ options
- ▲ Great flexibility for customers
  - ▲ Made in Taiwan quality
  - ▲ Front and back integration
  - ▲ Vertical market knowledge

# Solution Portfolio





- ▼ **TLD5500-LT**  
55" **Transparent** OLED Display
- ▲ Resolution 1920x1080
  - ▲ High Color Saturation NTSC 90%
  - ▲ High Contrast Ratio (15000 : 1)
  - ▲ Transparent Ratio 45%



- ▼ **DLD8500-N**  
85" **4K** Sunlight Readable Display
- ▲ Resolution 3840x2160
  - ▲ High Brightness 2000nits
  - ▲ Sunlight Readable
  - ▲ Local Dimming 84 Zone
  - ▲ LCD Blackening Defect Free (Hi-Tni 110 °C)
  - ▲ BL MTBF: 50,000 Hours



- ▼ **DLD2708-B**  
27" Sunlight Readable Display
- ▲ Resolution 1920x1080
  - ▲ High Brightness 1600nits
  - ▲ LCD Blackening Defect Free (Hi-Tni 105 °C)
  - ▲ Wide Operation Temperature -20~80°C
  - ▲ Low Power Consumption



- ▼ **OPD2703-ATW**  
27" TFT LCD, 500nits
- ▲ 27", 1920x1080, 500nits, 92% NTSC
  - ▲ PCAP Multi-Touch
  - ▲ OCA Bonding
  - ▲ Narrow Bezel
  - ▲ **Low Power Consumption 10W**
  - ▲ BL MTBF: 100,000 hours



- ▼ **DLD1568-I**  
15" TFT LCD, 1600nits,  
LED Backlight, 1024x768
- ▲ **Longevity Support 15 years**
  - ▲ High Brightness 1,600/2,000 nits
  - ▲ Sunlight Readable
  - ▲ Low Power Consumption
  - ▲ BL MTBF: 100,000 hours



- ▼ **DLD2388-N**  
23.8" TFT LCD, 1600 nits,  
LED Backlight, 1920x1080
- ▲ High Brightness 1600 nits
  - ▲ Sunlight Readable
  - ▲ LED Backlight
  - ▲ Low Power Consumption
  - ▲ **Wide Temperature (-30 °C ~ 80 °C)**
  - ▲ BL MTBF: 100,000 hours

### SCS2365-YT

23.6" TFT LCD, 1000nits LED Backlight, 1920x1920, Circle Display, PCAP Touch, SDM

- ▲ Interactive Table
- ▲ For Restanrant/Bar
- ▲ Programmable Pattern RGB Circle Lighting
- ▲ Multi-Touch Support
- ▲ Wireless Charger



### SPD2365-C

23.6" **Moon Display**

- ▲ Resolution 842x421
- ▲ High Brightness 1000nits
- ▲ High Color Saturation NTSC 93%
- ▲ High Contrast Ratio



### SSD2705-A

27" **Triangle Display**

- ▲ Resolution 1920x1080
- ▲ High Brightness 1000nits
- ▲ High Color Saturation NTSC 93%
- ▲ High Contrast Ratio



### SSD3205-A

32" **Triangle Display**

- ▲ Resolution 1920x1080
- ▲ High Brightness 1000nits
- ▲ High Color Saturation NTSC 93%
- ▲ High Contrast Ratio



### OLED2700-M

27" **OLED Display**

- ▲ Resolution 3840x2160, 400nits
- ▲ High Color Saturation NTSC 100%
- ▲ High Contrast Ratio (1,000,000 : 1)
- ▲ Wide Temperature (-20~70°C)
- ▲ For medical application



### SPD5323-CTK

53.2" **C-curve R1500 Display**

- ▲ Resizing LCD
- ▲ Resolution 3840x1920
- ▲ Brightness 400nits
- ▲ High Color Saturation NTSC 92%
- ▲ PCAP Multi -Touch
- ▲ BL MTBF: 100,000 hours



For Different  
Train Door Size

### SSD6743-M

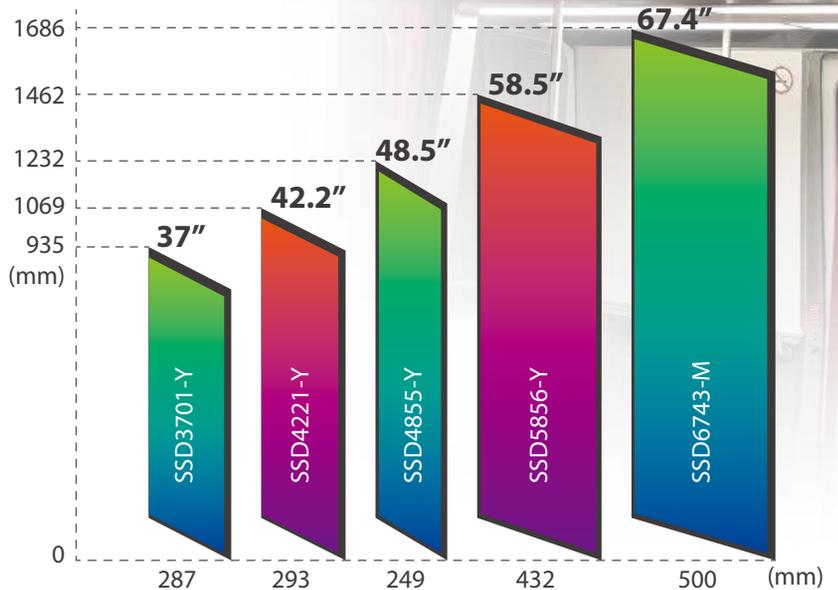
67.4" Resizing Ultra Wide Screen 16:4.5

- ▲ Resizing LCD
- ▲ Resolution 3840x1080
- ▲ High Brightness 700nits
- ▲ BL MTBF: 100,000 hours

### SSD3701-Y

37" Ultra Wide Screen 16:4.5

- ▲ Resolution 1920x540
- ▲ High Brightness 3000nits
- ▲ LCD Blackening Defect Free(Hi-Tni 110 °C)



### SSD4221-Y

42.2" Ultra Wide Screen 16:4

- ▲ Resolution 1920x480
- ▲ High Brightness 2600nits
- ▲ LCD Blackening Defect Free(Hi-Tni 110 °C)

### SSD4855-Y

48.5" Ultra Wide Screen 16:3

- ▲ Resolution 3840x720
- ▲ High Brightness 1000nits
- ▲ LCD Blackening Defect Free (Hi-Tni 110 °C)
- ▲ BL MTBF: 50,000 hours

### SSD5856-Y

58.5" Ultra Wide Screen 16:4.5

- ▲ Resolution 3840x1080
- ▲ High Brightness 1200nits
- ▲ BL MTBF: 100,000 hours

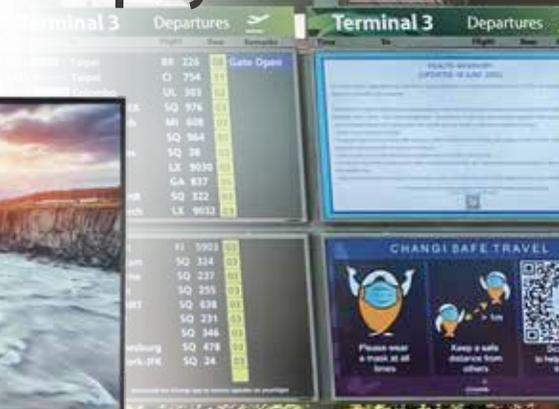
### ULO4904

49" TFT LCD, 700nits LED backlight

- ▲ Resolution 3840x2160
- ▲ High Brightness 700 nits
- ▲ PCAP Multi -Touch
- ▲ LCD Blacking Defect Free (H Tni 110°C)
- ▲ Slim Bezel
- ▲ BL MTBF: 100,000 hours



Flight Information



## Low Power Display



### ELD4202-E 42" e-Paper Display

- ▲ Bi-stable reflective technology
- ▲ Superior visibility in direct sunlight
- ▲ Sunlight readable
- ▲ High resolution 2160x2880
- ▲ Monochrome Display



### ELD1019-R 10.1" ChLCD Reflective Display

- ▲ Bi-Stable Reflective Technology
- ▲ Resolution 1024x768
- ▲ Refresh Time 1/sec
- ▲ Wide Temperature (-20~70°C)



### ELD2869-E 28.6" Color e-Paper Display

- ▲ A2 Poster Size
- ▲ High Resolution 2160x3060
- ▲ Display Colors 60K
- ▲ Refresh Time 15 sec
- ▲ Build in Powerful Processor



### ELD1339-R 13.3" ChLCD Reflective Display

- ▲ Bi-Stable Reflective Technology
- ▲ Resolution 1024x768
- ▲ Display Colors 16.7M
- ▲ Refresh Time 1/sec
- ▲ Wide Temperature (-20~70°C)



### EPD2539-EGP 25.3" Solar e-Paper Display

- ▲ High Resolution 1800x3200
- ▲ Solar Charging / Li-ion Battery
- ▲ Motion Sensor / Front Lighting
- ▲ Water Proof
- ▲ Build in Media Player
- ▲ No City Power Required

## Industrial Panel PCs & Monitors

### IPPS-0683-RKC3

6.8" Panel PC, 480x1280, 700nits

- ▲ Ultra-Wide Screen (6 : 16)
- ▲ Power input by Type-C or POE
- ▲ Rockchip RK3566 2GB/16GB
- ▲ PCT (Multi-Touch)
- ▲ Low Power Consumption
- ▲ Player Tracking or HMI



### IPPS-5500-AML0

Panel PC, 1920x1080, 2500nits

- ▲ Fast Food Outdoor Menu Board
- ▲ 5mm AG UV/IR Tampered Glass
- ▲ Full IP56 / IK10
- ▲ Auto Dimming / IR Remote
- ▲ LCD Blacking Defect Free (H Tni 110°C)



## ITRP series is fanless Passenger Information System



### ITRP-0625-APL9

6.5" Panel PC, 640x480,  
1000nits LED backlight

- ▲ Sunlight Readable
- ▲ CPU Intel Atom E3950
- ▲ Full IP54 with M12 connector



### ITRP-0705-RKC4

7" Panel PC, 1280x800,  
500nits LED Backlight

- ▲ Rockchip RK3566 Quad-core ARM Cortex-A55 CPU
- ▲ 4GB RAM, 32GB eMMC on board
- ▲ Full IP65 with M12 connector
- ▲ 3mm PCAP with AR coating (IK04)
- ▲ Wide Temperature (-25 °C ~55 °C)
- ▲ Support POE



### ITRP-1095-EHL2

10.4" Panel PC, 1024x768,  
1000nits LED Backlight

- ▲ Intel Celeron® CPU x6413E
- ▲ PCAP Touch
- ▲ Front IP65
- ▲ EN50155 & EN45545
- ▲ Auto Dimming



### ITRP-2155-EHL1

21" Panel PC, 1920x1080,  
1600nits LED Backlight

- ▲ Sunlight Readable
- ▲ Intel Celeron® CPU J6412/Atom® x6413E
- ▲ 10mm P4 Glass
- ▲ EN50155 & EN45545 certificated for Railway
- ▲ Low Power Consumption



### ITRP-3805

37.6" Panel PC, 1920x540,  
1000nits LED backlight

- ▲ Intel® Elkhart Lake Atom®/Celeron® support
- ▲ EN50155 & EN45545 certificated for Railway
- ▲ Full IP65 and fanless design
- ▲ Support 17~31V or 34~62VDC or 67~143V input with M12 connector



### ITRP-1232-RKC3

12.3" Panel PC, 1920x720,  
500nits LED Backlight

- ▲ Aspect ratio 16:6
- ▲ Rockchip RK3566 Quad-core ARM Cortex-A55 CPU
- ▲ 2GB RAM, 16GB eMMc on board
- ▲ EN50155 & EN45545 certificated for Railway

# Industrial Panel PCs & Monitors

Rugged Panel PCs & Monitors

Complies with IP68/65 industrial-grade waterproof and dustproof standards.



## IPPD-2435

24" Panel PC, 1920x1080, 1000nits LED Backlight

- ▲ Sunlight Readable
- ▲ High Shock & Vibration Resistance
- ▲ PCAP support with AR coating
- ▲ Front IP66
- ▲ 5 key touch Key pad for ICON selection



## IPPD-1566

15.6" Panel PC, 1920x1080, 1200nits LED Backlight

- ▲ Sunlight Readable
- ▲ PCAP with Optical bonding
- ▲ Multi-function key support
- ▲ Wide Temperature (-30°C ~ 70 °C)

# AI Edge Computing

## IBOX-NVC1

Fanless Box system with NVIDIA® Jetson® Orin NANO/Orin NX

- ▲ 1xHDMI, 4xUSB3.0, 1xCOM, 1xCAN, 1xType-C
- ▲ Triple Gigabyte LAN include 2x802.3at POE
- ▲ Wide Range DC9-36V input with phoenix connector
- ▲ Wide temperature: -10°C ~ 60°C



## IBOX-NVC2

Fan Box system with NVIDIA® Jetson® AGX Orin

- ▲ NVIDIA® Jetson AGX Orin Module Computer
- ▲ 1xHDMI, 3xUSB3.2, 2xCOM, 2xCAN w/ isolation
- ▲ Dual LAN (1G/10G)
- ▲ Wide Range DC9-36V input with power Din
- ▲ Wide temperature: -25°C ~ 75°C



## IBOX-NVC2-AGX0 NVIDIA AI Rugged BOX PC

- ▲ Jetson AGX Orin 32GB Up to 200 TOPS
- ▲ Military waterproof connector
- ▲ 1xPWR/2xRJ45/1xHDMI/ 1xUSB3.0/1xCOM
- ▲ Full IP65
- ▲ Durable and Robust



## Mini-ITX Embedded Boards

### AMIX-CML0



Intel® 10th Generation Core™ i9/i7/i5/i3/Pentium/Celeron® series processor (LGA1200 socket) with Q470E chipset

- ▲ Two 260-pin SO-DIMM up to 32GB DDR4 2933MHz SDRAM
- ▲ Multi-Display: HDMI/DP/DVI-I/VGA/LVDS
- ▲ Two Intel® Gigabit Ethernet ports
- ▲ 1xPCIe(x16), 1xMini-PCIe, 2xM.2 M-key 2280, 4xSATA III, 4xCOM, 10xUSB 3.2 Gen. and 2xUSB 2.0

### AMIX-R2K0



AMD® Ryzen™ Embedded R1000 APU on board

- ▲ High Performance “Zen” Core CPU+“VEGA” Graphics GPU
- ▲ Four 4K monitors support
- ▲ Multi-Display: 4xHDMI 2.0b, 1x eDP or 2xLVDS dual-channel
- ▲ 2xUSB 3.1, 3x USB 2.0, 1xSATA III, 3x COM, 2xGbE LAN, 1x PCI-E(x8), 1xMini-PCIe w/uSIM, 1xM.2 M-Key2260 (SSD)

## 3.5" Embedded Board

### AECX-TGLO



Intel® 11th Generation Core™ i7/i5/i3/Celeron® series processor on board

- ▲ Two DDR4 SO-DIMM
- ▲ Multi-Display: 2xHDMI (option 2 x DP)/2xLVDS
- ▲ Two Intel® Gigabit Ethernet ports
- ▲ 1xM.2 M-key 2280; 1xM.2 B-key 3042; 1xM.2 E-key 2230, 1xSATA III, 4xCOM, 4xUSB 3.1 and 4xUSB 2.0

### AECX-ADLO



Intel® Alder Lake-N Atom®/ Pentium®/Celeron® series Embedded Board

- ▲ One 260-pin SO-DIMM up to 32GB DDR4 3200MT/s SDRAM
- ▲ Multi-Display : 2xDP (HDMI)/1xLVDS(eDP) w/Triple Display
- ▲ Two Intel® 2.5 Gigabit Ethernet port
- ▲ 1xMini PCIe slot Full Size ,1xM.2 B+M-key 3042/2242 slot, 1xSATAIII, 6xCOM, 4xUSB3.2, 2xUSB2.0

### AECX-ARLO/MTLO



Intel® Meteor Lake-U/H & Arrow Lake-U/H Core™ Ultra series SoC on board

- ▲ One 262-pin SO-DIMM up to 48GB DDR5 6400MT/s SDRAM
- ▲ Multi-Display : 2xHDMI/LVDS/2xUSB-C (DP interface)
- ▲ Two Intel® 2.5 Gigabit Ethernet ports
- ▲ 1xM.2 B+M-key 3042/2242, 1xM.2 E-Key2230, 1xM.2 M-key 2280, 1xSATA III, 2xUSB 3.2, 2xUSB-C, 4xUSB 2.0 ports