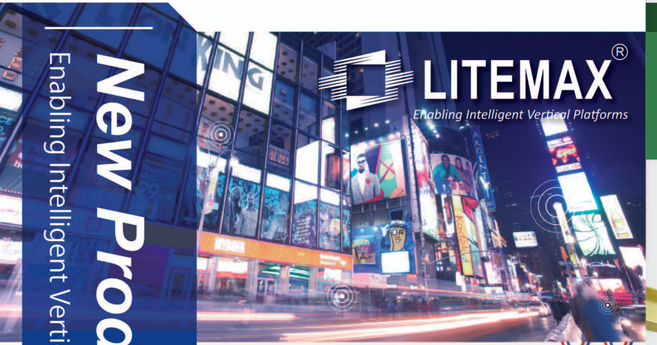
# 2018-2019

# New Product Showcase

Enabling Intelligent Vertical Platforms




BC Best Choice AWARD — Computex 2018 Best Choice Award

TDS AWARDS 2018

### IPPS-2118-SKL2-WP
IP68 Waterproof Panel PC

Waterproof IP68

Curvepixel Curved LCD

TDS AWARDS

### SUD5193
Resizing LCD Curved display
Sunlight readable (600 nits), MaxRGB (NTSC 94%),
Radius =1800mm, Resolution: 3840 x 1077

Ultra HD 4K · MaxRGB · R1800

Ultra HD 4K · MaxRGB · R1500

### DUD4303-A
Curved LCD Display
Sunlight readable (600 nits),
MaxRGB (NTSC 94%),
Radius =1500mm, Touch Screen,
Resolution: 3840 x 2160

# Transportation

## SPANpixel

- Patented Spanpixel resizing LCD
- Sunlight Readable LCD
- High Brightness (1,000~3,000)
- EN50155 certification
- Wide voltage input power

*Better travel experience with Litemax passenger information system*

### SCD3685-I Resizing side-by-side LCD Display
Sunlight readable (1,000 nits), Ultra wide screen (16:2.9), Resolution: 1920 x 358

Side by Side

Ultra HD 4K · Double Side

### SCD5745-I
Double-Side and V-Shape PIS Solution
Sunlight readable (1,000 nits), IP65 Waterproof,
Ultra wide screen (16:3.4), Resolution: 3840 x 807
Intel® Skylake-U Series motherboard inside

TDS AWARDS

Thinner 54mm

Thinner 54 mm · Back to Back

### SCD4956 (Hanging)
Double-Side and Hanging LCD Display
Sunlight readable (1,200 nits), Only 54mm thin,
Ultra wide screen (16:4.5), Resolution: 1920 x 538

3000 nits · Hi-Tni 110°C

### SSD3701-Y
Stretched Digital Signage
Sunlight readable (3,000 nits),
Ultra wide screen (16:4.5),
LCD blacking defect free (Hi-Tni 110°C),
Resolution: 1920 x 540

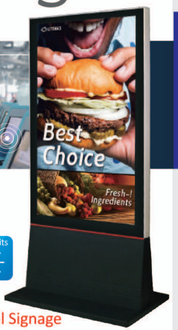
IP65 · EN50155

### ITRP-2845
28.4" Resizing LCD Display
Sunlight readable (1,000 nits), IP65 Waterproof,
Ultra wide screen (16:3), EN50155 certified,
Intel® Skylake-U Series motherboard inside,
Resolution: 1920 x 357

# Digital Signage

## DURApixel

- Ultra high brightness (3,000 nits)
- Small to large size (32 to 75 inch)
- Blackening Defect Free (Hi-Tni 110°C)
- Waterproof/ IR Touch (Optional)
- Ultra Narrow Bezel (AtA 3.8mm)




*Your own virtual sales with real-time advertising*

intel REALSENSE

Ultra HD 4K · IP54

### DLO5506-L
55" Outdoor Digital Signage
Sunlight readable (1200 nits), P-Cap Touch Screen,
High color contrast ratio (1200:1),
Intel® Skylake-U Series motherboard inside,
Intel® RealSense™ Depth Camera,
Resolution: 3840 x 2160

Ultra HD 4K · IP54 · 3000 nits

### DLO7501-L
75" Outdoor Digital Signage
Sunlight readable, high brightness (3,000 nits),
IP65 front waterproof,
Intel® Skylake-U Series motherboard inside,
Resolution: 3840 x 2160

*Smart Shelves enhance retail industry now!*

## Smart Shelf

### SSD2106-Y
Smart Shelf Price Tags
Stretched digital (aspect ratio of 16:1.1),
Brightness of 1,200 nits, Active Area:529.4x 36.3 mm,
Resolution: 1920 x 132

TAIWAN EXCELLENCE 2017

Resolution 2K · MaxRGB

### SSH2313-Y
Smart Shelf Price Tags
Ultra wide screen (16:1.3), Brightness of 500 nits,
Active Area:585.6x 48.2 mm, Resolution: 1920 x 158

OPTO 2017 Taiwan Photonics Award 2017

TAIWAN EXCELLENCE 2017

### SSD2755
Smart Shelf Price Tags and Advertising System
Ultra wide screen (16:1), USB 3.0 functionality(optional),
Brightness of 200/1,000 nits, Media Player Built-in,
Active Area:697.7x 35.7 mm,
Resolution: 1366 x 70

TDS AWARDS

### SSD4215-I
Square Screen Digital Signage System
Sunlight readable (800 nits),
MaxRGB (NTSC 94%), Resizing LCD (8 : 9),
BL MTBF: 100,000 hours,
Resolution: 1900 x 2160

# Smart Display Module

Microsoft Azure Certified
Microsoft Azure Certified for IoT

## SDM

- SDM - S: Size of a credit card
- SDM - L: options to be available with increased IO and performance
- Product Categories - displays, thin clients, POS terminals, kiosks, projectors, IoT Cloud Terminals, etc.
- Cost-effective implementation and remote management available
- Balance performance and I/O based on solution feature needs

Intel® SDM · Sunlight Readable · MaxRGB · Ultra HD 4K · Wi Fi

### ISDM-5502 SDM Ready
55" TFT LCD FHD Display Solutions
Brightness (350 nits), MaxRGB (NTSC 94%),
Resolution: 1920 x 1080, P-Cap Touch Screen,
1080p HD Camera Available,
Support Intel® Smart Display Module S/L (optional)
Storage SSD64GB, RAM 8GB, Wifi Support

### ISDM-4302 SDM Ready
43" TFT LCD FHD Display Solutions
Brightness (380 nits), Resolution: 1920 x 1080,
Support Intel® Smart Display Module S/L (optional)
Storage SSD64GB, RAM 8GB, Wifi Support

### ISDM-3205 SDM Ready
32" TFT LCD UHD Display Solutions
Sunlight readable (800 nits),
MaxRGB (NTSC 97%), Resolution: 3840 x 2160
Support Intel® Smart Display Module S
Storage SSD64GB, RAM 8GB, Wifi Support

**SDM Form Factor Summary**

| SDM Form Factor | ASDM-APL6 ( SDM-Small ) | ASDM-APL5 ( SDM-Large ) |
|---|---|---|
| Dimension (mm) | 60 x 100 mm (no enclosure) | 175 x 110 mm (no enclosure) |
| Z-height | Max 20mm stackup | |
| Processor Targets | Up to 10W TDP | Up to 12W TDP |
| Interface Connector | Card Edge Connector PCIe x 8 (98pins) w/custom SDM pin definition | |
| SDM Connector Speed | Scales w/PCIe Gen. Currently at Gen3 | |
| Interface Connector Features | Refer next slide | |
| Memory Option | Memory Down | Socketable (SODIMM) |
| Storage Option | On board (eMMC) | Modular (M.2 2242) |
| Wireless Option | Modular (M.2 2230) | Modular (M.2 2230) |
| Thermal Solution | Passive Cooling | Active Cooling |
| Integration Model | Built (wo. I/O bracket) or Externally Plugged (w. I/O bracket) | |

# Industrial

- Sunlight readable
- Wide operation temperature

*Efficiency enhanced with robust displays around the clock*

**DLH0708-T**

7" Ultra Wide Temperature LCD Display for Industrial Tablet Use

Sunlight readable (1,600 nits), Wide temperature (-20°C ~ 70°C), BL MTBF: 100,000 hours, Resolution: 1280 x 800, Wide-Viewing Angle 176°(H),176°(V)

**DLD1505**

15.5" Full HD Industrial LCD Display

Sunlight readable (1,000 nits), Wide temperature (-20°C ~ 70°C), High color contrast ratio (2000:1), BL MTBF: 100,000 hours, Resolution: 1024 x 768, Wide-Viewing Angle 176°(H),176°(V)

**DLD1858-TNB-G01**

18.5" Full HD Industrial LCD Display

Sunlight readable (1,600 nits), Wide temperature (-20°C ~ 70°C), High color contrast ratio (1120:1), BL MTBF: 100,000 hours, Resolution: 1920 x 1080, Wide-Viewing Angle 176°(H),176°(V),

**DLD2158-UNB-G01**

21.5" Full HD Industrial LCD Display

Sunlight readable (1,600 nits), LCD blacking defect free (Hi-Tni 110°C), BL MTBF: 100,000 hours, Resolution: 1920 x 1080, Wide-Viewing Angle 178°(H),178°(V),

# IBOX

**Litemax Fanless Embedded Computer Series**

Five box types with the full series of SoC to meet your different demands
Designed for industrial, medical, transportation and rugged environments

Fanless Box PC

**IBOX-APL2 P TYPE**

Fanless Box system with Intel® ApolloLake SoC

Intel® ApolloLake SoC onboard processor, Supports 4K/2K Resolution Display, Wide temperature, Watchdog timer

Fanless Box PC

**IBOX-BSW1 B Type**

Fanless system with Intel® Brawell SoC

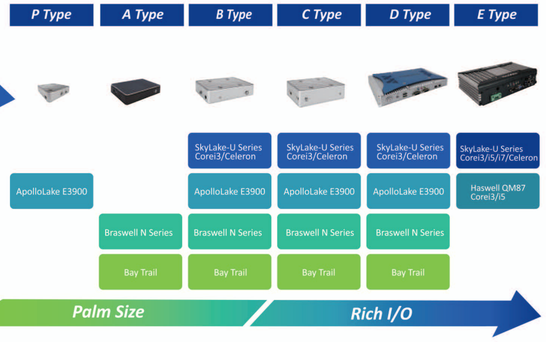
Intel® Braswell SoC onboard processor Wide temperature, Watchdog timer

Fanless Box PC

**IBOX-SKL2 D Type**

Fanless system with Intel® Skylake-U

DC 9 ~ 36V input with phoenix connector, Watchdog timer




# IP65 Panel PC

Panel PC Combo Module Mix and Match Yourself

- Display: 10.4", 12.1", 15", 17", 19", 21.5"
- Brightness: 250 nits ~ 1,600 nits

**IPPS-2118-BYT1-CP**

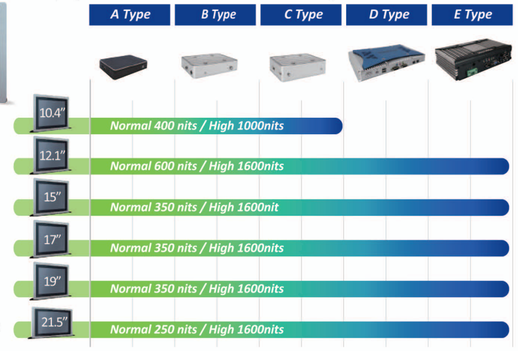
21" Modular Panel PC

Brightness 1600 nits, Front IP65, 10 points touch screen, Intel® Bay Trail SoC processor, Watchdog timer

**IPPS-2118-SKL2-WP**

IP68 Waterproof Panel PC

Intel® Skylake-U 6th Generation Core™ processor 21.5" 1600nits , 10 points P-CAP Touch screen Wide range DC 12V input (optional 9V~36V) RTC Battery easy replace design




# Motherboards

- High quality components
- High safety & reliability design
- Accurate PCB impedance control

## 3.5" Embedded Board

3.5" AECX

**AECX-KBL2**

Intel® Kaby Lake-U SoC Support Wide Voltage DC-in 9~36V, Multi-Display : HDMI/ DP/eDP

3.5" AECX

**AECX-SKL2**

Intel® Skylake-U SoC Support Wide Voltage DC-in 9~36V, Multi-Display : HDMI/ DP/LVDS

3.5" AECX

**AECX-APL0**

Intel® Apollo Lake-I SoC Support Wide Voltage DC-in 12~36V , Multi-Display : HDMI/ DP/LVDS

3.5" AECX

**AECX-BSW1**

Intel® Braswell SoC Support Wide Voltage DC-in 9~36V, Multi-Display : HDMI/DP/LVDS

3.5" AECX

**AECX-BYT1**

Intel® Atom™ E3800 Series SoC Support Wide voltage DC-in12~24V, Multi-Display : VGA/HDMI/LVDS

3.5" AECX

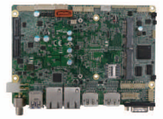
**AECX-HSW1**

Intel® Haswell core i processors with QM87 chipset support voltage DC-in 12V, Multi-Display : VGA/HDMI/LVDS

3.5" AECX AMIO

**AECX-KBL6**

Intel® Kaby Lake-U Series SoC support , Wide Voltage DC-in 12V(18~24V optional), Multi-Display : HDMI/DP/LVDS(eDP)



3.5" AECX AMIO

**AECX-SKL6**

Intel® Skylake-U Series SoC support , Wide Voltage DC-in 12V(18~24V optional), Multi-Display : 2HDMI/eDP(LVDS)

## 2.5" Pico ITX Board

Pico-ITX AMIO

**APIX-APL2**

Intel® Atom® E3900 Series SoC with Multi-Display : HDMI/DP(AMIO)/LVDS, Voltage DC-in 12V

Pico-ITX

**APIX-RCKO-3288**

Rockchip RK3288 ARM Cortex™- A17 PICO- ITX Board with Multi-Display : HDMI/LVDS(eDP), Voltage DC-in 12V

## Mini-ITX

Mini-ITX

**AMIX-KBL1/SKL1**

Intel® Q170/H110 chipset supports Kaby Lake/Skylake-U processors, Wide Voltage DC-in 12~24V, Multi-Display : HDMI/ 2DP/ LVDS(eDP)

Golden Finger

Mini-ITX

**AMIX-KBL5/SKL5**

Intel® Q170/H110 chipset Supports Kaby Lake/Skylake Processors, Low Profile Mini-ITX and DC-in 12V , Multi-Display : HDMI/ 2DP/ LVDS(eDP)

Multi Display 4K/2K

Mini-ITX

**AMIX-BSW0**

Intel® Braswell SoC Support, Multi-Display : HDMI/2 DP/LVDS, Wide Voltage DC-in 12V

Mini-ITX

**AMIX-APL1**

Intel Atom E3900 Series SoC support, Multi-Display : HDM/DP/LVDS(eDP), Wide Voltage DC-in 12V(18~24V optional)

4K/2K

Mini-ITX

**AMIX-HSW2**

Intel® QM87 chipset supprts Haswell Core i processors, Multi-Display : HDMI/ 2DP/ LVDS, ATX power

Wide Temp.

Mini-ITX

**AMIX-BYT0**

Intel® Atom™ E3800 Series SoC supports, Multi-Display : VGA/DVI-D/LVDS, Wide Voltage DC-in 12~24V