



2019-2020

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New Product Showcase

Intelligent industrial computer solutions with display features



NEW

1st
World First
75" Curved



- **SSD6743-I**
67.4" World 1st 4K Resizing LCD
4K Resizing LCD, High brightness (500 nits), Resolution: 3840 x 1076 (16:4.5), High Contrast Ratio: 4800:1

- **AMIX-V1K0**
Min-ITX 4-Display
• AMD Ryzen Embedded V1000 Series
• Mini-ITX Quad Display
• Low Profile
• 4x HDMI v2.0b 4K@60Hz

- **AECX-V1K1**
3.5" 4-Display
• AMD Ryzen Embedded V1000 Series
• 3.5" Quad Display
• 4x DP v1.4 4K@60Hz

E-MAIL : sales@litemax.com

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

- **SCD5745-IGV**
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

- **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

- **ITRP-3805**
38" Resizing LCD Display
Sunlight readable (1,000 nits), IP54 Waterproof, Ultra wide screen (16:3), EN50155 certified, Intel® Skylake-U Series motherboard inside, Resolution: 1920 x 357

- **SSD4805-Y**
48" Resizing LCD Display
Sunlight readable (1,000 nits), Ultra wide screen (16:3), Resolution: 3840 x 720

Digital Signage

DURApixel

- Ultra high brightness (4,000 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

- **SSD3325-Y**
33.2" Squared Screen Digital Signage System
High brightness (1,000 nits), Resolution: 1920 x 1920 (1:1)

- **SSD2653-Y**
26.5" Squared Screen Digital Signage System
High brightness (500 nits), Resolution: 1920 x 1920 (1:1)

- **SSD2203-Y**
22" Squared Screen Digital Signage System
High brightness (500 nits), Resolution: 1920 x 1920 (1:1)

- **DLD4901-L**
49" Outdoor Digital Signage
Sunlight readable (3,500 nits), Resolution: 1920 x 1080, Wide-Viewing Angle 178°(H), 178°(V), LCD blacking defect free (Hi-Tni 110°C)

- **DLO7502-L**
75" Backlight Local Dimming Digital Signage
Local Dimming (576 Zone), HDR, Resolution: 3840 x 2160
Sunlight readable, high brightness (4,000 nits), LCD blacking defect free (Hi-Tni 110°C)

Industrial Display

Industrial

- Sunlight Readable LCD
- Wide operation temperature
- Blackening Defect Free (Hi-Tni 110°C)
- Longevity supply
- Wide-Viewing Angle 178°(H), 178°(V)



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 (-30°C ~ 70°C), BL MTBF: 100,000 hours, Resolution: 1280 x 800, Wide-Viewing Angle 176°(H), 176°(V)

- **DLD1968-UNB**
19" Industrial LCD Display
Sunlight readable (1,600 nits), Wide temperature (-30°C ~ 85°C), High color contrast ratio (1000:1), BL MTBF: 100,000 hours, Resolution: 1280 x 1024, Wide-Viewing Angle 170°(H), 160°(V)

- **SLD1568-ENB**
15" Industrial LCD Display
Sunlight readable (2,000 nits), Wide temperature (-20°C ~ 70°C), High color contrast ratio (1000:1), BL MTBF: 100,000 hours, Resolution: 1024 x 768, Wide-Viewing Angle 160°(H), 160°(V)

- **SLO2425-ENB**
24" Full HD Industrial LCD Display
Sunlight readable (1,000 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)

Intelligent Retail

Smart Shelf

- **IPPS-2126-RKC0-WG00**
21.5" Waterproof Outdoor Store Sign
Full IP54 waterproof, Double-sided 21.5", Sunlight readable (1,000 nits), RK3288 high-performance 4-core CPU, Thickness is only 60mm, Support cloud and USB AD playback, Includes 2W waterproof speaker



Smart Shelves enhance retail industry now

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

- **SSD2312-Y**
Smart Shelf Price Tags
Ultra wide screen (16: 1), Brightness of 500 nits, Active Area: 585.6x 48.2 mm, Resolution: 1920 x 158

- **SSD2805-Y**
Stretched Digital Signage
Ultra wide screen (16: 1), Sunlight readable (1,000 nits), Resolution: 1920 x 360, Wide-Viewing Angle 178°(H), 178°(V)

- **SSD1875-M**
Smart Shelf Price Tags
Stretched digital (aspect ratio of 16: 1), Brightness of 1,000 nits, Active Area: 476.6x 36.4 mm, Resolution: 1920 x 146

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

- **SSH4225-L**
Smart Shelf Price Tags
Stretched digital (aspect ratio of 16: 1), Brightness of 1,000 nits, Active Area: 1073.8x 34.67 mm, Resolution: 1920 x 62

Note: All Specifications are subject to change without notice.

intel® Smart Display Module

Powerful and Sleek Integrated Displays

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

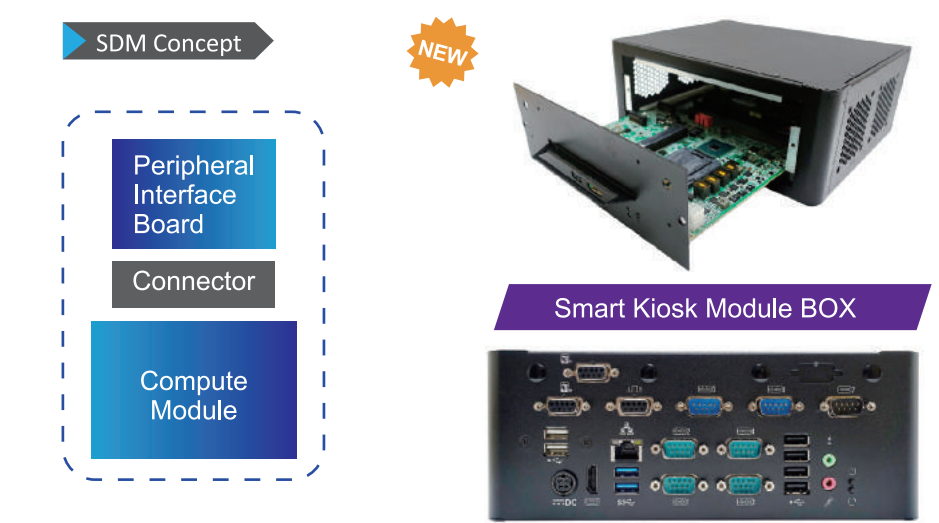
ISDM-4302 SDM Ready
43" TFT LCD FHD Display Solutions
Brightness (380 nits), Resolution: 1920 x 1080,
Support Intel® Smart Display Module S/L (optional)
Storage SSD64GB, RAM 8GB, Wifi Support

ISDM-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

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	USB3.0/ USB2.0/ PCIe/ DP/ SATA/ UART/ I2C...	
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	
Integration Model	Built (w. I/O bracket) or Externally Plugged (w. I/O bracket)	

- 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® Smart Kiosk Module



• AEXP-SKM0-IOB0
Intel® SKM Carrier Board – Multi-I/O Board for SKM
Support Intel® SKM compatibility with SDM
Display: HDMI/cLVDS (optional)
Expansion slots: 2 mPCIe/M.2 M-key 2280
Int. I/O: 2 COM/GPIO/GSPI/2 I2C/SATA/UART/2 USB2.0
Ext. I/O: 2 AUDIO/4 COM/LAN/2 USB3.0/4 USB2.0
DC-in 12V or 18V ~ 24V (optional)

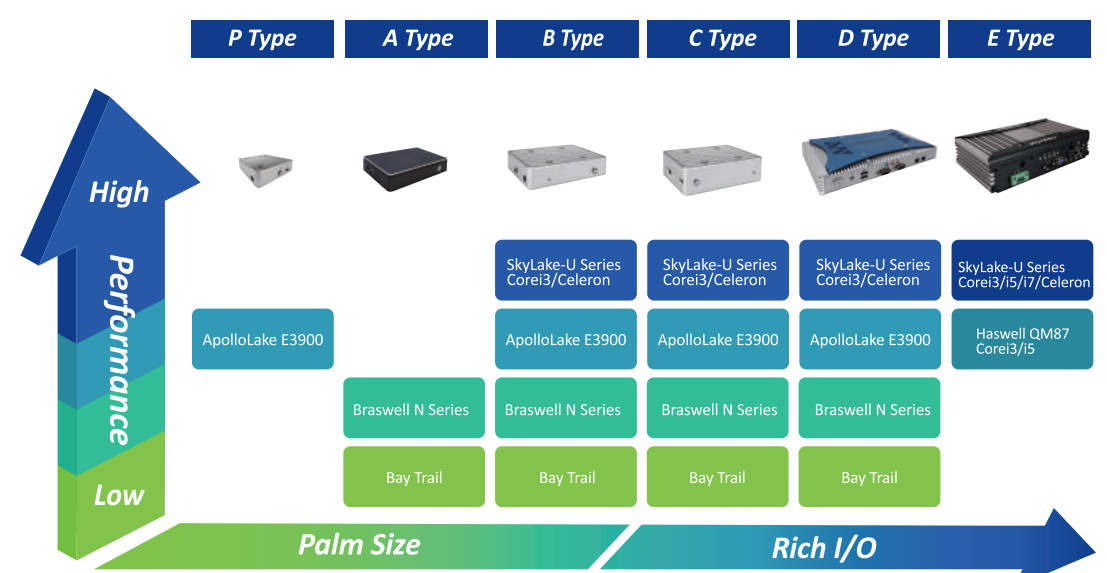
• ASKM-CFL0-Q370
Intel® SKM Module – Intel® Q370 Express Chipset
8th Gen. Intel® Core™ i7 / i5 / i3 Processor (Max. 65W)
Intel® Gigabit PHY LAN (Intel® i219)
M.2 E-Key 2230 and M.2 M-Key 2280, SATADOM
Support Intel® iAMT v12.0, TPM v1.2 or v2.0 (optional)



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-SKL2 D Type
Fanless system with Intel® Skylake-U
DC 9 ~ 36V input with phoenix connector, Watchdog timer

BC Best Choice Award 2018
Computex 2018 Best Choice Award
TDS AWARDS 2018
Waterproof IP68

• IP68 Waterproof Panel PC
IP68 Waterproof Panel PC
Intel® Kaby Lake 7th Gen. 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

3.5" Embedded Board

• AECX-V1K1
AMD® Ryzen™ Embedded V-series
Wide Voltage DC-in 12V / 18V~24V
Multi-Display : 4 DP/LVDS

• AECX-R1K1
AMD® Ryzen™ Embedded R-series
Wide Voltage DC-in 12V / 18V~24V
Multi-Display : 3 DP/LVDS

• AECX-APL7
Intel® Apollo Lake SoC series
Wide Voltage DC-in 12V / 18V~24V
Multi-Display : DP/2 LVDS/AMIO

• AECX-CFL1
Intel® 8th Gen. Coffee Lake -H processor with QM370 chipset, DC-in 12V
Multi-Display : 2 HDMI/LVDS/AMIO

Mini-ITX

• AMIX-V1K0
AMD® Ryzen™ Embedded V-series
Wide Voltage DC-in 12V / 18V~24V
Multi-Display : 4 HDMI/2 LVDS

• AMIX-KBL1
Intel® 7th Gen. Kaby Lake -S processor with Q170/H110 chipset
Wide Voltage DC-in 12V~24V
Multi-Display : 2DP/HDMI/LVDS

• AMIX-KBL5
Intel® 7th Gen. Kaby Lake -S processor with Q170/H110 chipset
Voltage DC-in 12V, Low Profile
Multi-Display : DP/HDMI/LVDS

• AMIX-KBL7
Intel® 7th Gen. Kaby Lake -U processor
Wide Voltage DC-in 9V~36V
Multi-Display : DP/HDMI/LVDS

• AMIX-APL1
Intel® Apollo Lake SoC series
Wide Voltage DC-in 12V (18V~24V optional)
Multi-Display : DP/HDMI/LVDS

2.5" Pico ITX Board

• APIX-APL2
Intel® Apollo Lake SoC series
Voltage DC-in 12V
Multi-Display : HDMI/LVDS/AMIO

• APIX-RKC0-3288
Rockchip® RK3288 ARM
Voltage DC-in 12V
Multi-Display : HDMI/LVDS/eDP

• APIX-KBL7
Intel® 7th Gen, Kaby Lake -U processor
Voltage DC-in 12V
Multi-Display : HDMI/LVDS/AMIO

Pico-ITX	3.5" SBC	Mini-ITX	SDM/SKM
High	Intel Coffee Lake-H Core i7/i5/i3	Intel Kaby Lake-S Core i7/i5/i3 /Celeron	Intel Coffee Lake-S Core i7/i5/i3
	Intel Haswell-H Core i7/i5/i3 /Celeron	Intel Haswell-S Core i7/i5/i3 /Celeron	
	Intel Kaby Lake-U Core i3 /Celeron	Intel Haswell-H Core i7/i5/i3 /Celeron	Intel Kaby Lake-U Core i7/i5/i3 /Celeron
Mid	AMD Ryzen V1000 V1xxx series	AMD Bale Eagle RX-4xx/2xx series	
	AMD Ryzen R1000 R1xxx series	AMD Ryzen V1000 V1xxx series	
	Intel Apollo Lake E39xx/Nxxxx series	Intel Apollo Lake E39xx/Nxxxx series	Intel Apollo Lake E39xx/Nxxxx series
Low	Intel Braswell N37xx/N30xx series	Intel Braswell N37xx/N30xx series	
	Intel Baytrail E38xx/N29xx series	Intel Baytrail E38xx/N29xx series	
	ARM Rockchip RK3288	ARM NXP i.MX6 series	AMD Ryzen R1000 R1xxx series

Power Board

• APWR-2000-ISOD
Railway 200W isolation DC/DC Converter
DC-in 24V~110V, DC-out 12V / 24V / 48V
High Efficiency up to 90% @72Vin/12Vout
EN50155 Compliant

• APWR-2150-ATXD
215W DC/DC Converter
DC-in 9V~36V, ATX output
High Efficiency up to 86% @12Vin