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Gaming Display & Embedded Systems



Display & Touchscreen Products

Topper Displays

- 18.5", 21.5", 23", 23.8", 27", 32"

Top Displays

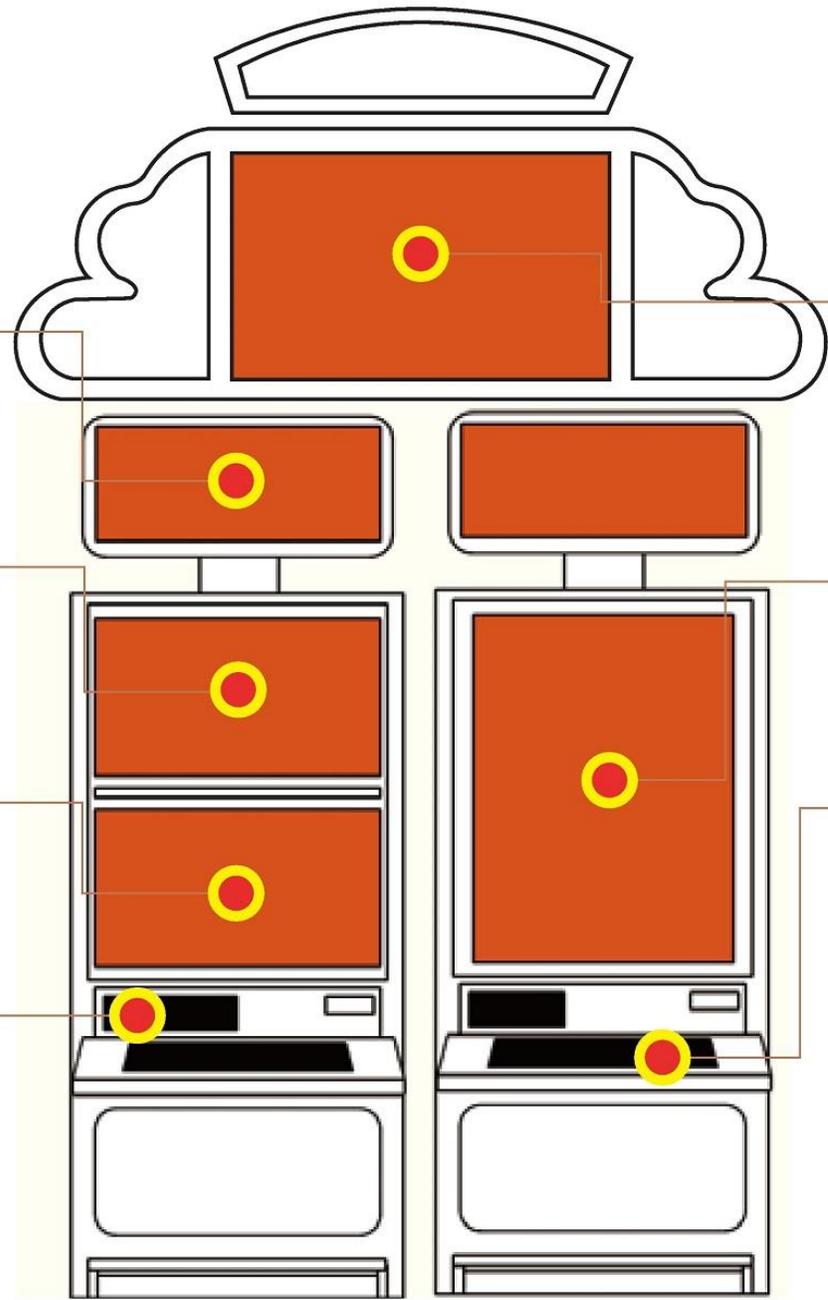
- 21.5", 22"(16:10), 23", 23.8", 24"(16:10), 27", 32"

Main Displays

- 21.5", 22"(16:10), 23", 23.8", 24"(16:10), 27", 32"

Player Tracking

- 6.2", 6.5", 7.0"



Jackpot Displays

- 43", 49", 55", 65"

Main / Top Split

- FLAT FHD: 43"
- FLAT UHD: 43", 49", 55", 65", 75"
- CURVED UHD: 43"

Button Deck

- Normal
 - 10.1" (16:10)
 - 13.3" (16:9)
 - 15.6" (16:9)
- Resized
 - 12.3" (15"x1/3)
 - 13.9" (17"x2/5)
 - 15.5" (19"x2/5)
 - 16.3" (18.5"x1.3)
 - 19.1" (21.5"x1/3)

Edge Lighting Solution

LED Lighting Solution True Edge Lighting Solution

P-cap touch cover glass can be integrated with attractive LED-bar illumination that offers more splendor to the design and more aesthetic-pleasance to the players.

- Cover Glass Customizable for size, thickness, protection and surface treatment
- LED light bar integrable
- 2811, 2815 and RGB LED light bar available
- AD Board LED Bar Control Solution (LED Bar Controller)
- Halo Effect



True Edge Lighting Solution (21.5", 23.8", 27", 32", 43", 49")

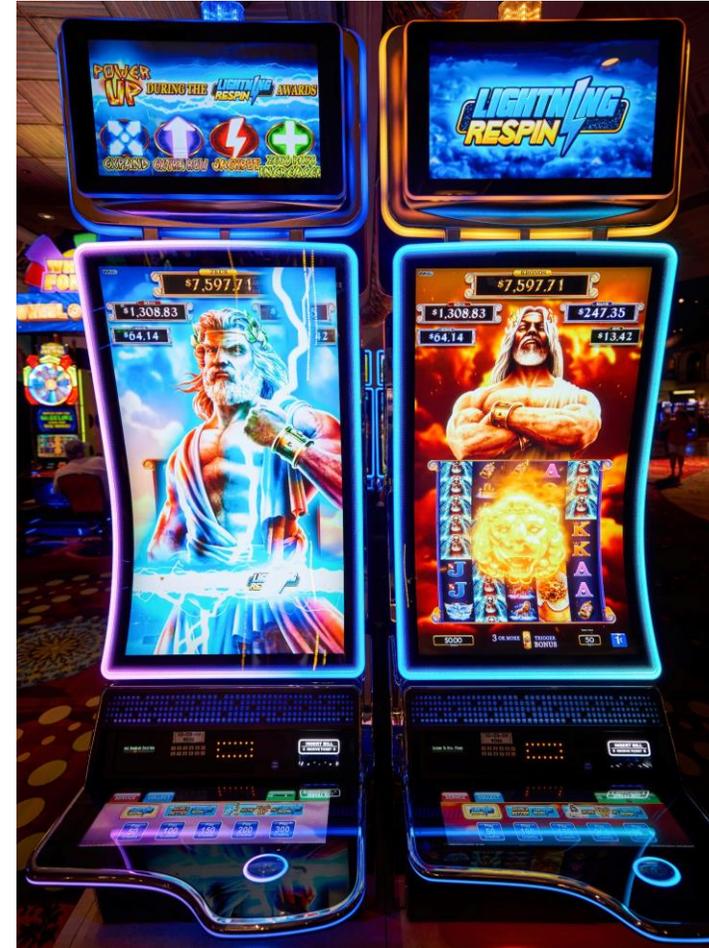


Double & Triple Edge Lighting Combo Solution (23.8", 27")

3 Sided Edge Lighting
(Protection Glass)

2 Sided Edge Lighting
(Protection Glass)

3 Sided Edge Lighting
(P-Cap Touch)



Stretched Displays & Button Deck



Resized Bar-type LCD Solution



Various resized Bar-type LCD displays are also assorted for player tracking, button-deck, roulette touch screen betting terminals, etc.
The original panel with a regular aspect ratio like 4:3 or 16:9 can be resized into a 1/2, 1/3, 1/4, 2/5 size without change of electrical interfaces, optical properties, image resolution and environmental capacity (only the size changes), offering casino machine designers inspiration and creativity for design challenges.



Specifications (Button Deck)

	Size (Re-sized)	10.1"	13.3"	15.6"	12.3" (15.0"x1/3)	13.9" (17.0"x2/5)	15.5" (19.0"x2/5)	16.3" (18.5"x1/3)	19.1" (21.5"x1/3)
LCD Panel	Technology	MVA	AHVA	TN	TN	TN	TN	TN	VA
	Panel Active Area H x V (mm)	216.96x135.6	293.47x165.08	344.16x193.56	304.1x76.0	337.92x105.15	376.32x114.7	409.8x71.4	476.64x89.37
	Panel Outline Dimension H x V x D (mm)	229.5x149.2 x5.0	309.7x184.1 x9.6	363.8x215.9 x9.3	326.5x101.4 x13.1	358.5x130.0 x17.24	396.32x138.6 x11.0	431.8x95.6 x15.3	495.6x113.55 x20.1
	Number of Pixel (Aspect Ratio)	1280x800 (16:10)	1920x1080 (16:9)	1920x1080 (16:9)	1024x256	1280x398	1280x390	1366x238	1920x360
	Display Color	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M
	Luminance (cd/m ²)	300	400	400	250	300	250	250	250
	Viewing Angle(R/L/U/D)	85/85/85/85	89/89/89/89	70/70/60/60	80/80/60/80	80/80/60/80	85/85/60/80	85/85/80/80	89/89/89/89
Power Consumption	10W	20W	20W	15W	20W	20W	20W	20W	
Input Terminals	RGB, DVI, HDMI, Display Port								
Power Input	DC +12V / +24V								
OSD Control	Bright / Contrast / Backlight / Color (R, G, B) Adjust / Color Temp / H, V Position / Phase / Clock								

Button Deck Display

- Size: 10.1inch ~ 21.6inch
- Special Resolution for Application
- Customized PCAP (Cover Glass) Design Available for Gaming Machine.
- Wireless charging Available (Optional)



Curved Displays



Curved Displays



Curved display is a state-of-the-art and innovative solution for gaming applications where, vertically or horizontally integrated, it offers aesthetically-pleasant and much more immersive and vivid gaming experience than the flat screens.

Alpha Display, assorted with curved displays with stable curvature rather than challenged curvature, ensures durability and reliability against lcd defects such as cracks, mura, etc.

- 43" Concave Curved
- High-profile wide format at a 16:9 ratio (3840x2160)
- Durable and reliable at stable curvatures (1500R)
- Integrable with Touch Screen
- Wide Viewing Angle
- Curved Edge Lighting (Option)



Curved Main Displays

LCD Panel	Size	43.0"
	Technology	VA
	Panel Active Area H x V (mm)	940.896x529.254
	Panel Outline Dimension H x V x D (mm)	962.97x566.20
	Number of Pixel (Aspect Ratio)	3840x2160 (16:9)
	Radius of Curvature	1500R
Luminance (cd/m ²)	500	
Viewing Angle(R/L/U/D)	89/89/89/89	
Power Consumption	150W	
Input Terminals	HDMI, Display Port	
Power Input	DC +24V / AC 100 ~ 240V	
OSD Control	Bright / Contrast / Backlight / Color (R, G, B) Adjust / Color Temp	

C Type



J Type



Circular & Square Displays

New Shape Display Options

Square and circular displays now available in various sizes, along with standard stretched Bar Displays





Embedded Gaming Products

Gaming Boards & Systems



Gaming Boards

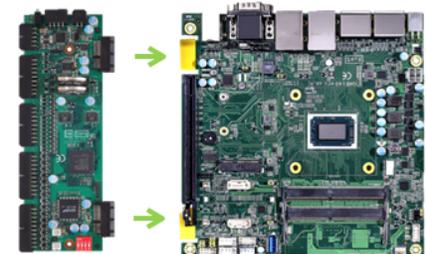


Gaming Systems



Flexible Design

- | | |
|------------------------------|--|
| Extension Interface | 2 x PCIe x1 golden finger |
| Feature of Gaming I/O Module | <ul style="list-style-type: none">• 8MB NVRAM• 1 x SAS port supported• 4 x DIP switch• 8 x Intrusion detection• 6w + 6w Audio amplified out• 32-bit GPI, 32-bit GPO (8x meter configurable) |



Gaming I/O

GMB140

Gaming Boards & Systems

Aura⁺

- Backplane type gaming system
- Slim and compact size and modular design
- Support standard PCIe X16 graphic card
- GLI verified secure BIOS and long lifespan

dBOX Series

- All-in-one gaming platform
- Middle range and cost-effective solution
- Supports standard PCIe graphics card



▶ AGP330-837

Intel® Core™ (C.L-S)
Support PCIe x16 Graphic Card

▶ dBOX510 Series

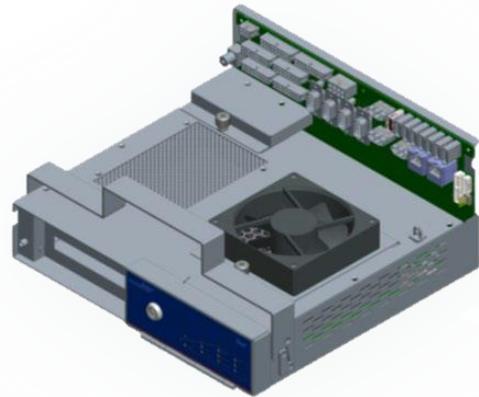
AMD Ryzen™ Embedded V2000
Intel® Core™ (C.L-S)



▶ dBOX121-210

All-In-One Gaming Platform
AMD Embedded G-series
72-pin Gold Finger Interface

Gaming Boards & Systems



PCIe x16 graphic

Supports standard PCIe x16 graphic card (less than 18mm in length)

2 x USB port

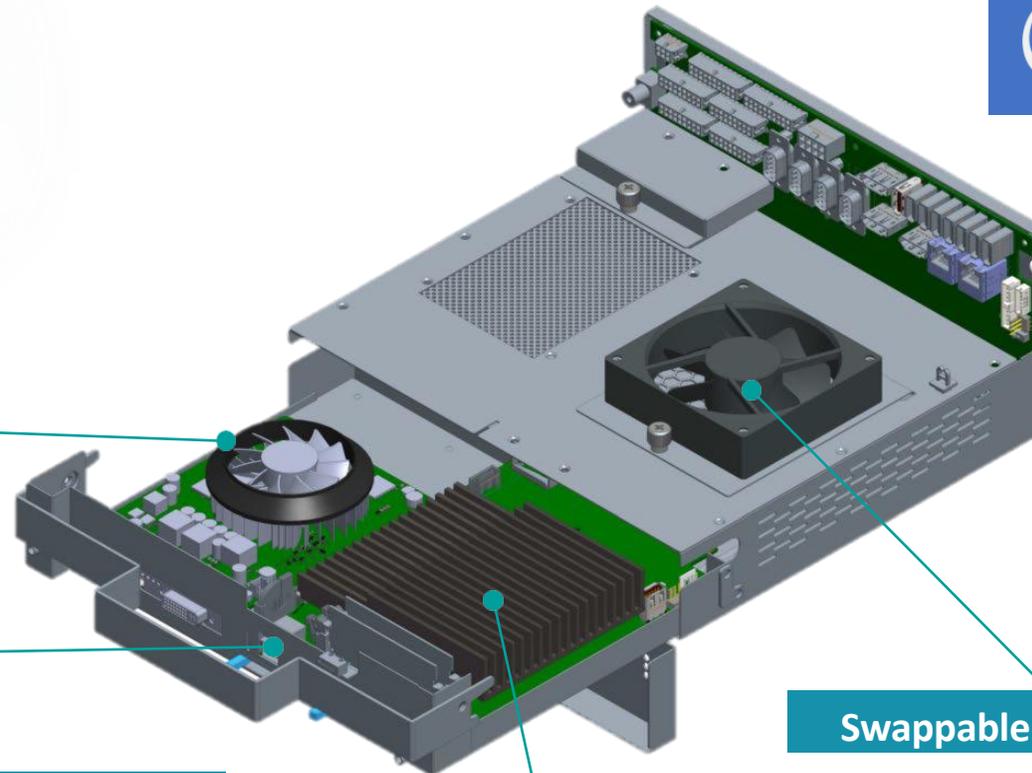
2 x CFast socket

CPU heatsink

Swappable CPU fan module

Backplane

- 3 x DisplayPort++
- 6 x Full COM
- 8 x USB
- 2 x LAN
- 32-bit GPIO (8x meter)
- 6 x Intrusion detection
- 7.1-CH Audio out
- 1 x SPDIF out



Standard vs. All-In-One



Standard Gaming Boards

- Without gaming I/O module, it offers more flexibility for customers to add their own I/O module via PCIe/USB/COM interface.
- It is able to adapt to different conditions for upgrading customers' system without modify the chassis.
- Flexible features.



All-In-One Gaming Boards

- Offering diverse gaming I/O functions, such as non-volatile random-access memory for backing up critical data, more GPIO for LED buttons, meters, and intrusion detection system, etc.
- Supporting 9-bit serial port for SAS 6.02.
- It is not a standard form factor design. Customer may need to change the cabinet layout while upgrading.



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