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ABOUT
ADVANTECH’S GAMING SOLUTIONS



Knowledgebase access

24/7



Global offices, with local warehousing and stock holding including Brazil

90 



Largest IPC manufacturer in the world



Worldwide repair centres

13



Global Manufacturing presence: Taiwan, China, Japan and Malaysia



Investment in USA HQ and manufacturing plant



Monthly Board Production Capacity

772K



Unrivalled purchasing power



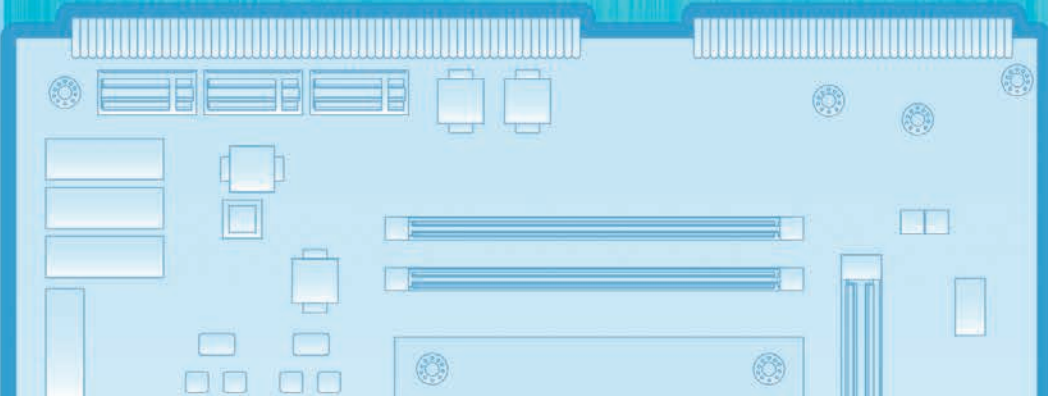
Years of gaming industry experience

200⁺



Of wholly owned manufacturing facilities

1.8M ft²



Dedicated and experienced engineering team

We take care of the **REST**

With over three decades in the industry our experts understand the challenges of customer engagement and retention in the busy casino and amusement environment.

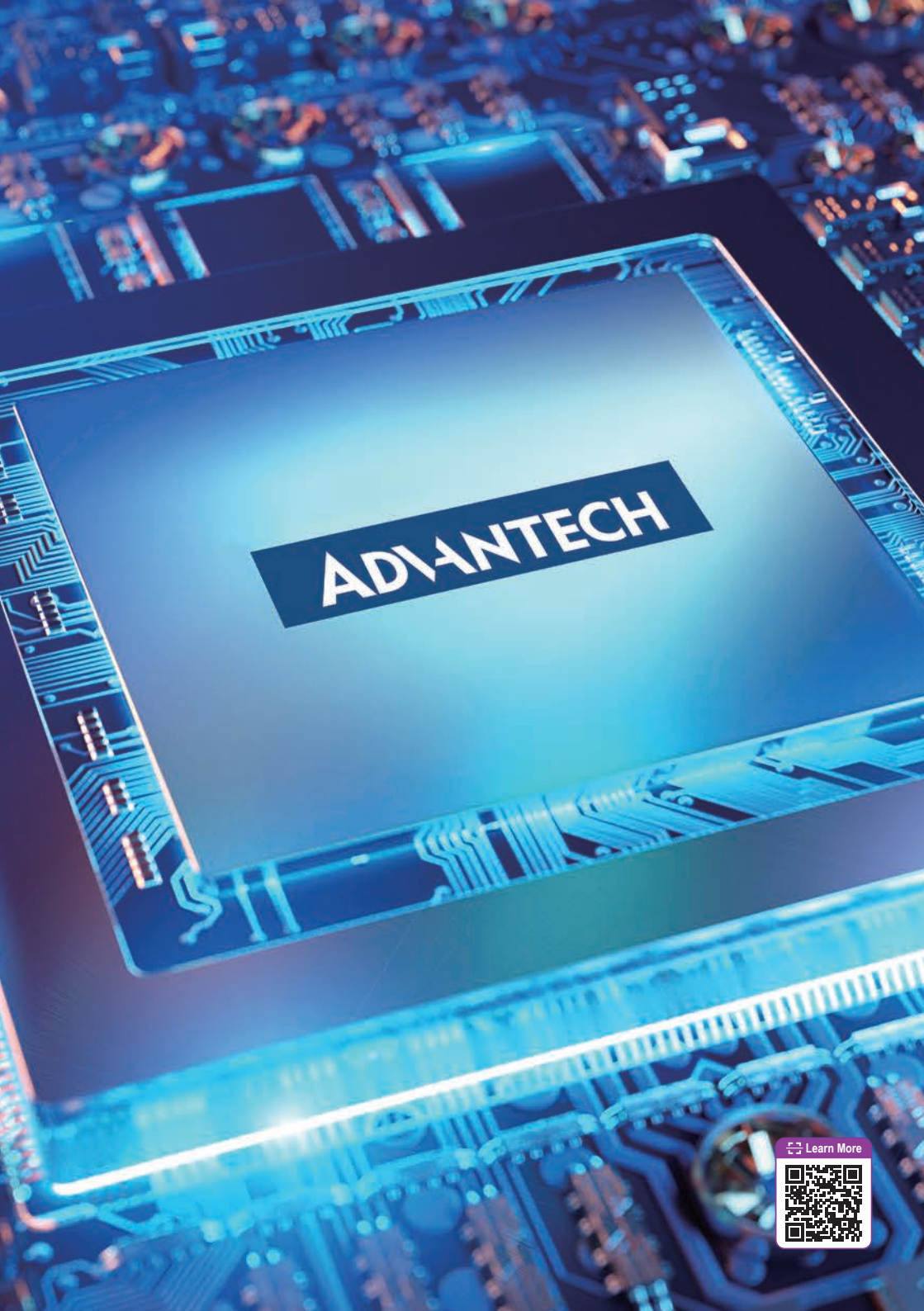
We know that Responsible gaming, positive customer Experiences, Security, and Technology, are all key considerations when choosing a hardware technology partner.

We understand you are only as successful as your gaming content which is why you can rest assured our market leading solutions are built to ensure fair play and protect your intellectual property.

Let us help you to embrace limitless creativity to produce high end, engaging content using the most reliable technology possible. Contact our industry experts for a no obligation solutions overview: sales.gaming@advantech.com

You develop the content; we'll take care of the rest.

ADVANTECH:
The Brand Behind the Brand in the Gaming Industry



R

esponsible Gaming

Alongside the rest of the gaming industry, we have a shared responsibility for player protection. Our DPX® solutions are industrial grade computing platforms with security features to help maintain gameplay integrity and ensure reliable operation. The DPX range protects you, the OEM, and your customers.

Responsibilities cover:

- Dedicated secure memory to safeguard gameplay data and machine state
- Intrusion monitoring and protocols to detect and prevent software and hardware tampering
- On board TPM and random number generation to ensure fair gameplay
- Media validation tools and encryption support to prevent running of unauthorized or corrupted content
- ROM and write protected memory for root of trust authentication
- Optional industrial grade, secure logic boxes (tested to casino standards for ESD resilience) deter unauthorized access to critical hardware, for multi-layered protection
- Network interfaces protected and tested for signal integrity to ensure reliable casino network operation
- Compliant with industry recognized certifications including GLI11 and GLI33
- Biometric and AI support for facial recognition, age verification, self-exclusion, and VIP recognition

E

xperiences

Shared and group interactions are key to building immersive multiplayer experiences for friends, family or local communities on the casino floor. In such a crowded marketplace, you can't afford to simply blend in. **Stand out** from the crowd.

DPX solutions offer maximum flexibility and the best platform to differentiate your gaming portfolio from the competition.

- Extensive and scalable CPU processing options from industry leading technology partners
- High-powered graphics engines and multi-format discrete graphics cards
- Industrial grade LED controller and software toolkit for creating sensory inclusion
- Wide range of industrial displays (up to 8k resolution)

Player engagement with machines is vital, which means reliability and functionality is crucial.

- Preventative maintenance / remote temperature and battery monitoring and fan diagnostics
- Products vigorously HALT tested before release for enhanced reliability
- Innovative cooling solutions
- 3rd party peripheral integration, providing flexible and convenient payment options
- Scheduled power on/off
- Components selected for 24/7 usage

S

ecurity

Development and certification of games and machines is not an insignificant undertaking. From development time to financial investment, it is vital to protect content, operations and players whilst ensuring a safe, secure, and entertaining environment.

As standard the DPX range offers:

- Multi-level security (hardware, software, and peripherals)
- Encryption of data and applications
- Strong password and security key storage
- Prevention of cloning / copying / tampering with game content
- AI ready, supporting camera / facial recognition technologies
- Prevention of running unauthorized content
- Battery backed intrusion detection
- Media validation (MVTk)
- Platform authentication

SAS - Providing live system status and back-end monitoring of hardware and software performance, covering:

- Multi-currencies
- Multi-games
- SAS Version 6.02 (and previous)
- Progressive jackpot support
- Tournament support
- Ticket In, Ticket Out

T

echnology

High performance, all-in-one solutions, multi-board solutions, modular designs, JAMMA capable, Intel to AMD, and all your custom requirements - we know gaming motherboards. That is why we continue to be a leading, trusted technology partner to the gaming industry.

Our technology solutions provide you with:

- A full software suite to ensure content can be created to the highest standards meeting all the required security and regulatory protocols, allowing you to focus on the content and gameplay
- Motherboards that can handle up to 8 displays with the addition of a graphics card, meaning one motherboard can run anything in your portfolio of products
- Cutting edge CPU and GPU technologies (PCIe and MXM Format) means your ideas shouldn't be limited by technology concerns
- Same API across all Advantech motherboards combined with forwards and backwards compatibility means retrofit capabilities and upgrade paths are available when required to take advantage of latest technologies and develop cutting edge games and experiences
- Wide range of industrial display solutions from 10.1" button decks to 55" curved industrial grade displays allowing flexibility in design, with customization available
- Windows and Linux support, user friendly toolkits and source code, pre-deployment hardware verification tools, plus full gaming features and software testing suite