

QUIXANT

iQ¹[™]

Big on performance.
Big on value.



www.quixant.com



Unleash your creativity with the IQ 1

Quixant's IQ 1 hardware platform is suited to game developers looking to satisfy a range of standard game and sports betting kiosk requirements. Designed with the demands of the market in mind, this efficient, cost-effective, fanless platform delivers great performance and value.

It comes with our range of market-leading, content optimizing Software Suite solutions as standard, making it the perfect platform to build incredible content on and deliver extraordinary gaming and sports betting experiences.

A reliable, cost-effective hardware platform

This powerful and competitively priced all-in-one platform satisfies a range of standard performance requirements. It comes with a suite of software solutions as standard to optimize the performance of your platform, so your time is freed up to focus on content, enabling you to launch your cabinets, kiosks or terminals to the market in record time.

Efficient fanless design

A physically compact fanless platform which prevents dust accumulation and therefore reduces the need for maintenance.

Powerful CPU and graphics processing

Delivering high resolution content and enabling smooth game play, or bringing your sports books to life, with flawless, immersive live streaming.

Ensures regulatory compliance across markets

A compliant solution that meets the requirements of all major global gaming jurisdictions, including GLI-11, so you can focus on enhancing the customer experience, without worrying about regulatory requirements.

5-year supply lifetime

Confidence in a reliable solution that will be supported and delivered for five+ years, so you do not have to worry about replacing hardware and can focus on content, and bringing your cabinet or kiosk to market in record time.



Processing unit

- AMD Ryzen™ embedded R1000 series
- Option for R1102G
- Core frequencies 2.6GHz with boost

Integrated GPU

- Integrated AMD Radeon™ Vega 3 graphics
- Up to two independent HD displays or one 4K display
- Hardware accelerated HD video encoder/decoder

Main memory

- 1 x DDR4, 2400 SODIMM sockets
- Up to 16GB main memory

LAN / USB

- 2 x PCI Express® Gigabit LAN interfaces
- 8 x USB ports (4 x USB 3.1, 4 x USB 2.0)

Storage

- 1 x CFast sockets up to 6GB/s
- 1 x SATA3 up to 6Gb/s (SATA DOM, SSD, HDD)
- 2Kbits of user EEPROM storage (optional up to 128Kb)

Audio

- Integrated HD audio controller 7.1 audio channels
- 2 x stereo 18W/ channel 4-Ohm digital amplified outputs

Power requirement

- 12V single voltage input

Serial interfaces

- 6 x COM ports
 - 2 x RS232 full
 - 2 x RS232 Tx/Rx – SAS hardware support
 - 1 x JCM ID003 (optional)
 - Up to 2 x ccTalk
- 1 x SPI header for clock serial peripherals (e.g. SEC meter) or LED strips
- 1 x I2C interface
- 2 x iButton interface

System features

Essential

GPIO

- Up to 16 digital inputs
 - Efficient and responsive handling of digital inputs
 - Hardware support to eliminate bouncing of input lines
- Up to 16 digital outputs
 - Presence detection of electromechanical meters

Enhanced

NVRAM

- Fast 64 bit PCI Express® interface
- Up to 4MB of NVRAM – two independent physical banks
- Battery backed SRAM
- Hardware accelerated memory bank mirroring, copying, verification and CRC
- 5-year battery life

QSys and QSensor

- Temperature and voltages monitoring
- Automatic battery health check

Illuminate

- 2 x LED strip interfaces

Authenticate

- TPM 2.0 (option)
- Unique electronic serial number
- 2Kb Secure EEPROM with SHA-3 authentication

Protect

- Metal case with keylock and security seal
- 16 x monitored intrusions including jumpers' supervision

The ultimate hardware platforms. Integrated software on board.

Unleash your creativity and develop with confidence on Quixant's market-leading hardware platforms. They come with our Software solutions as standard, created to optimize game and sports betting content development and delivery, allowing you to spend your time on content development so you can get ahead of the game.

Explore how partnering with Quixant will enable you to focus your development efforts on enhancing the customer experience and to launch world-class products in record time.

