IQ²™

Big on performance.
Big on value.

IQ²™

Unleash your creativity with the IQ 2

Designed to meet a wide range of gaming and sports betting performance requirements, the IQ 2 delivers increased power and functionality at an accessible price point, making it ideally suited to cost sensitive markets.

With Intel Atom® processors x7000 Series, the passively cooled all-in-one platform is up to twice as powerful as the previous generation of IQ products, allowing you to improve frames per second, or make your sports betting kiosk experience even more immersive.

With a number of mounting options, it is easy to integrate into your cabinet or kiosk and delivers great performance and value for money, so you can ensure regulatory compliance, enhance the customer experience, and achieve ultimate results – and do so cost effectively.

The market's most efficient cost-effective hardware platform
The IQ 2 is the most powerful competitively priced, specialist hardware platform on the market and is suited to those looking to deliver even more performance at an accessible price point.

Enhanced gaming and sports betting experiences
Designed so you can deliver an enhanced customer experience, the IQ 2 is available in options of up to 16GB main memory, has an integrated LED strip interface, integrated Intel® UHD graphics, and drives up to three displays.

Powerful CPU and graphics processing
With Intel Atom® processors x7000 Series and passively cooled, the IQ 2 has fast memory access and its CPU performance is up to twice as powerful when compared to the previous generation of IQ products.

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.

10 year lifetime
Confidence in a reliable solution that will be supported and delivered for 10+ years, so you do not have to worry about replacing hardware and can focus on content, and bringing your cabinet, kiosk or terminal to market in record time.

IQ²™

Processing unit
- Intel Atom® processors x7000 Series
- Core frequencies 3.4GHz with Intel® Turbo Boost
- Fast memory access and CPU performance

Integrated GPU
- Integrated Intel® UHD graphics
- Drives up to three displays, including 2 x 4K Ultra HD and 1 x FHD
- Support for DisplayPort 1.4
- Accelerated hardware video decoder

Main memory
- 1 x DDR4, 3200MT/s SODIMM socket
- Up to 16GB main memory – default 4GB

LAN / USB
- 2 x 1Gb Ethernet
- 2 x USB 3.2 GEN2 (external)
- 6 x USB 2.0 connecter (external)
- 2 x USB 2.0 connector (internal)

Storage
- 1 x CFast 2.0 socket
- 1 x SATA 3 socket
- 1 x M.2 NVMe PCIe Gen3 by 2
- 128Kbits of user EEPROM storage

Audio
- Integrated HD audio controller 7.1 audio channels
- 2 x stereo 9W/ channel 8-Ohm digital amplified outputs

Serial interfaces
- 6 x serial ports
  - 2 x RS232 full
  - 2 x RS232 Tx/Rx
  - Up to 4 x SAS interfaces
  - Up to 1 x JCM ID003
  - Up to 2 x ccTalk
- 1 x SPI header for clock serial peripherals (e.g. SEC meter)
- 1 x I2C interface
- Up to 2 x iButton interfaces

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
Intrusion Management
- 16 x monitored intrusions

Enhanced
NVRAM
- Fast 64 bit PCI Express® interface
- 4MB of NVRAM – two independent physical banks
- Battery backed SRAM
- Hardware accelerated memory bank mirroring, copying, verification and CRC
- Five year battery life
QSys and QSensor
- Temperature and voltages monitoring
- Automatic battery health check
Illuminate
- Up to 2 x LED strip interfaces, up to 500 LED per channel, up to 60 FPS
- Drives 1-wire and 2-wires LED strip
- Wide range of LED strips supported.
Authenticate
- TPM 2.0 (option)
- Unique electronic serial number
- 2kb secure EEPROM with SHA-3 engine (optional)
Protect
- Metal case with keylock
- Active handling and monitoring of write protect signals for CFAST, M.2, EEPROM and system Configuration ROM

Power requirement
- 12V single voltage input

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 Suite 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.