QUIXANT

IQAIR1™

Big on performance.
Big on value.

Unleash your creativity with the IQ Air 1

The IQ Air 1 is a fanned all-in-one hardware platform developed to meet a range of standard gaming and sports betting kiosk performance requirements. It is the only product on the market to offer the level of power and functionality at its accessible price point.

Like all Quixant platforms, it includes our market-leading Software Suite solutions, which have been developed to enhance the customer experience. Develop on the IQ Air 1 and take your content to new heights.

The market's most efficient cost-effective hardware platform

The IQ Air 1 is the most capable competitively priced specialist platform on the market and is suited to those looking to satisfy a range of standard performance requirements. It comes with a range of content optimizing software solutions as standard, freeing up your time to focus on content and enabling you to launch your cabinet, kiosk or terminal to the market in record time.

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 player 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, kiosk or terminal to market in record time.

Processing unit
- AMD RyzenTM embedded R1000 or V1000 series
- Options for R1505G, V1605B and V1807B
- Core frequencies of 3.8GHz with boost

Integrated GPU
- Integrated AMD Radeon VegaTM graphics
- Drives up to four independent 4K displays via DisplayPort 1.4 interface
- Hardware accelerated 4K video encoder/decoder

Main memory
- 2 x DDR4, 2400/3200 SODIMMs sockets
- Up to 32GB main memory

LAN / USB
- 1 x PCI Express® Gigabit LAN interfaces
- 8 x USB external ports (2 x USB3.1, 6 x USB2.0)
- 2 x USB2.0 internal

Storage
- 1 x CFExpress
- 1 x SATA 3 up to 6Gb/s (SATA DOM, SSD, HDD)
- 1 x PCIe M.2
- 2Kbits of user EEPROM storage (optional up to 128Kb)

Audio
- Integrated HD audio controller 2.1 amplified audio channels

Power requirement
- Operating voltage: 12V / 24V

Serial interfaces
- 6 x serial ports
  - 2 x RS232 full
  - 2 x RS232 Tx/Rx
  - SAS hardware support
  - Up to 2 x ccTalk
- Up to 2 x iButton interface
- 1 x I2C interface
- 1 x SPI 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, fan and voltage supervision

Illuminate
- 2 x LED strip interfaces

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

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.