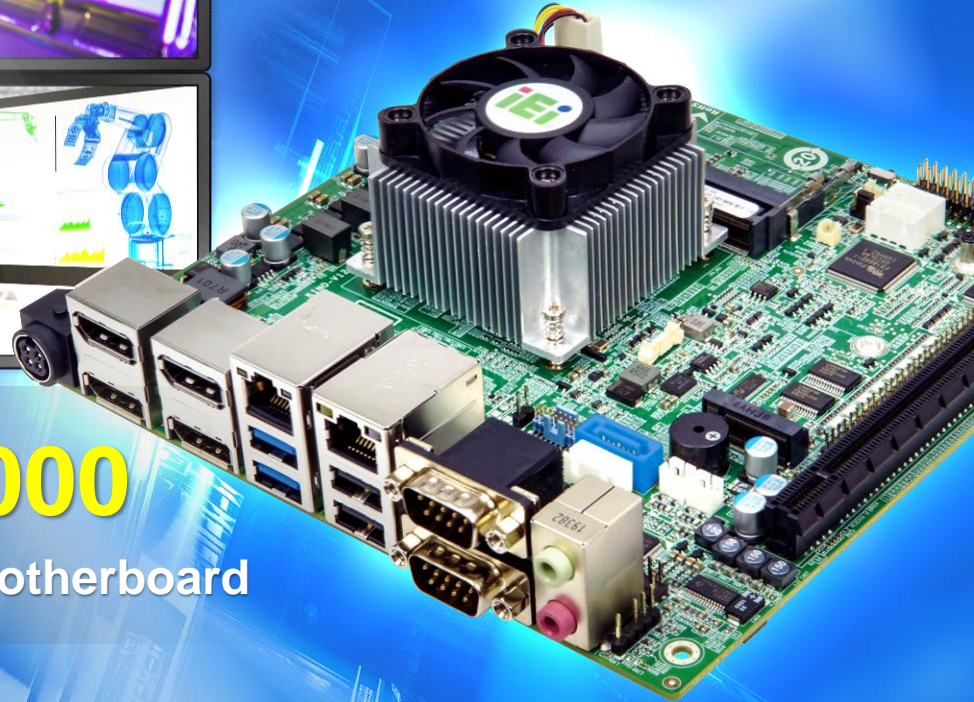




4K

gKINO – V1000/R1000

4K High Resolution AMD Industrial Motherboard



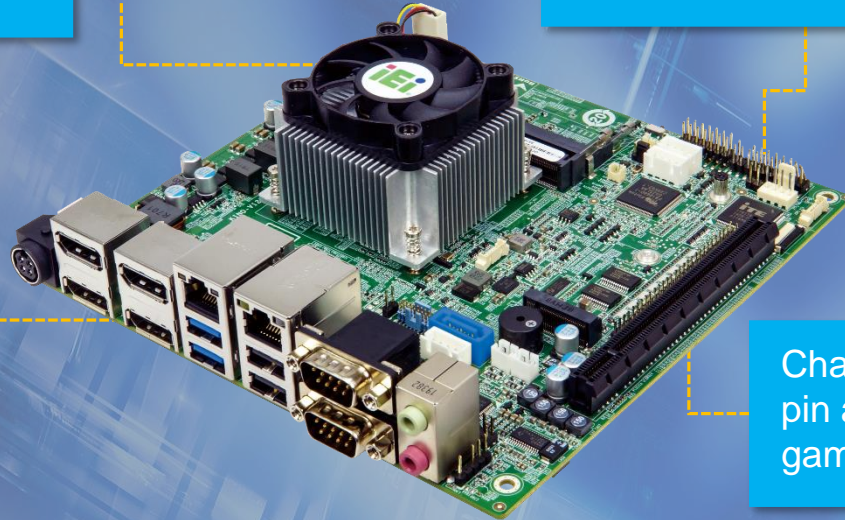
IEI 4 DisplayPort Outputs Mini-ITX Motherboard



Mini ITX form factor with AMD® Ryzen™ Embedded processor supports dual-channel ECC DDR4 SO-DIMMs

TPM 2.0 hardware security function supported by TPM module

Maximum up to 4 x 4K DisplayPort output for multi-display support



Chassis intrusion detect pin and ECC support in gaming applications

Application Scenarios



Gaming Machines

Casino Gaming, Arcade
Gaming, Over-the-top
Set-top-box Gaming



Digital Signage

Digital Signage, Pos/Kiosk,
Quick Service, Restaurant



Industrial Controls & Automation

Industrial HMI/PC, Machine
Vision, Surveillance, Smart
Server/Gateway

AMD RYZEN SoC Introduction



Better Performance

- Up to 2X Increase in Performance v. Previous Generation*
- Up to 3X Better GPU Performance v. Competition*
- Up to 46% Better Multi-threaded Performance v. Competition*



Better Multimedia

- Bringing Video to Life H.265 enc/dec, VP9 decode*
- Leading Edge Interfaces HDMI™ 2.0b, Edp1.4, DP1.4
- Up to 4 x 4K Native Display



Better Security Features

- AMD Secure Processor
- Secure Memory Encryption
- Secure Boot



Better I/O

- Optimized Design 26% Smaller Footprint*
- Market Leading Memory

Maximum up to Four DisplayPort Output

iEi®

gKINO-R1000

3 x 4K UHD 3840x2160

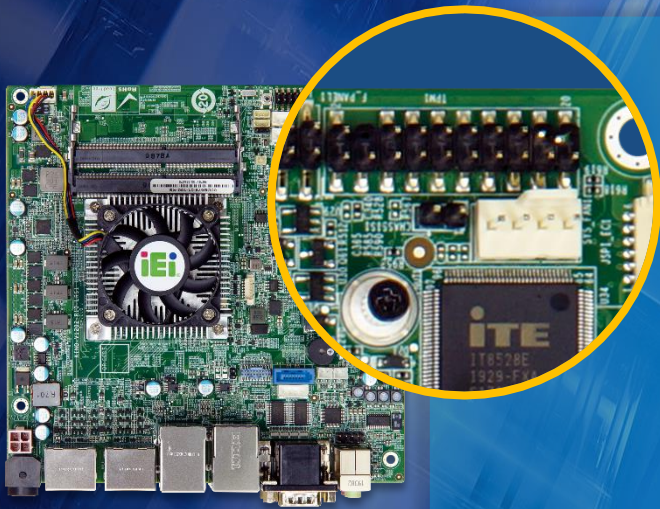
gKINO-V1000

4 x 4K UHD 3840x2160

4K



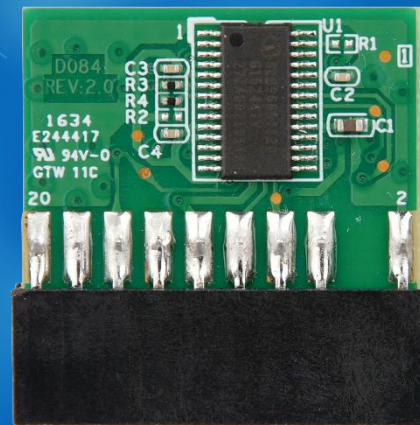
Powerful Security function – TPM Expansion



TPM-IN02 TPM2.0 module for optional

Hardware-based security solution for data protection and reliable authentication via TPM that stores key, passwords and digital certificates.

- File & Folder En/De-cryption
- Personal secure drive
- Secure email
- Key transferring
- Security policy configuration
- LPC interface



TPM-IN02

Powerful Security function – Chassis intrusion detection



Chassis intrusion pin provides a chassis detection feature that detects if the chassis cover has been removed.

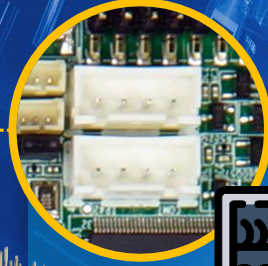
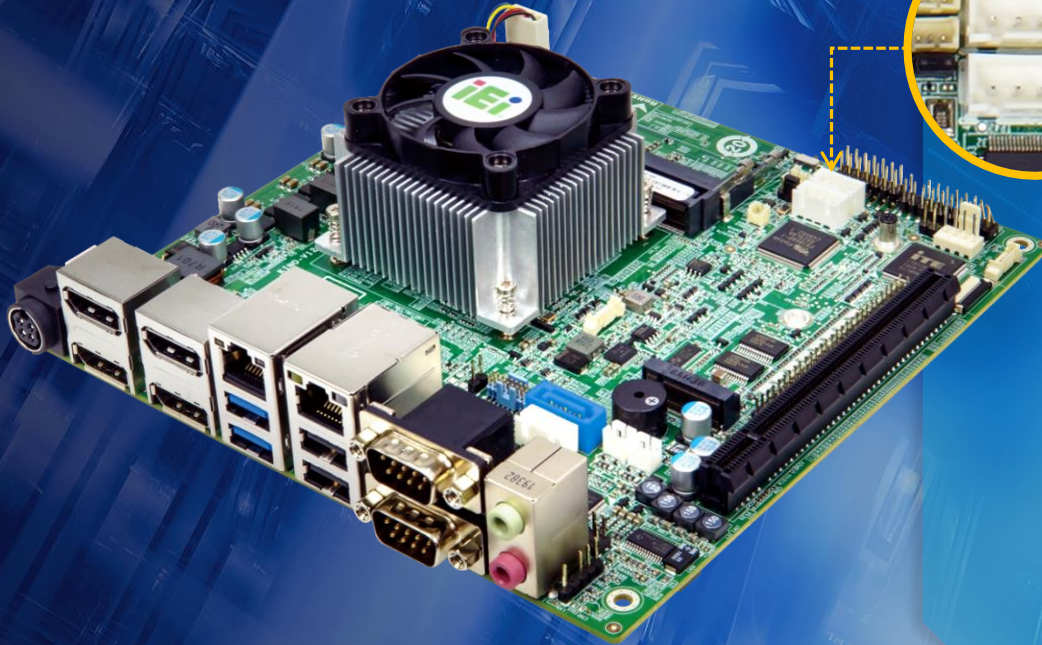
Chassis intrusion detection is a helpful security feature, especially for large corporate networks.

Intrusion detection



Embedded Box

CC Talk



Peripherals such as currency detectors for coins and banknotes.

Payment equipment such as: transportation, ticketing, payphones, amusement machines, and retail cash management.

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