

**Aumictech**

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Data Sheet

August 15, 2026

ADVANTECH

Advantech 08GSAQ35003204 Motherboard

Queue model 08GSAQ35003204 isaAdvantech motherboard / SBC. Advantech industrial motherboard / SBC family context is host-family documentation, notasubstitute for this SKU drawing. Exact ratings are on the 08GSAQ35003204 nameplate and drawing. Applications embedded compute in Advantech systems that specify 08GSAQ35003204 in systems that specify 08GSAQ35003204. Advantech 08GSAQ35003204 motherboard / SBC Advantech industrial motherboard / SBC family Advantech 08GSAQ35003204 motherboard / SBC Advantech industrial motherboard / SBC family Literature: remaining-queue listing Advantech 08GSAQ35003204 Motherboard Family: Advantech industrial motherboard / SBC family



MODEL

**Advantech
08GSAQ35003204**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

08GSAQ35003204

LISTING

<https://aumictechlabs.com/products/08gsaq35003204-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Advantech 08GSAQ35003204 is an industrial motherboard engineered for demanding operational environments where long-term stability and reliability are critical. Advantech designs this platform around proven industrial computing architectures, delivering the foundation for edge computing systems, machine automation, and Industry 4.0 deployments that require sustained performance in challenging conditions. Technical Specifications Manufacturer: Advantech Model: 08GSAQ35003204 The motherboard supports memory configurations typical of industrial platforms, including DDR3/DDR4/DDR5 RAM with ECC (Error-Correcting Code) options for

enhanced data integrity in applications. Industrial-grade component selection ensures stable operation across extended temperature ranges, humidity exposure, vibration, and shock events.

Key Features

- Storage Interfaces:** SATA, mSATA, M.2 connectivity for flexible storage deployment
- USB:** USB 2.0 and USB 3.0/3.1 ports for peripheral integration
- Networking:** Gigabit Ethernet (RJ-45) for industrial connectivity
- Display Outputs:** HDMI, DisplayPort, VGA support for integrated graphics applications
- Serial Communications:** RS-232 and RS-485 for legacy and modern industrial protocols
- GPIO:** General Purpose Input/Output for discrete control and monitoring functions
- PCIe Expansion:** PCIe x1, x4, and x16 slots for graphics acceleration, network interface cards, and specialized I/O modules
- Mini-PCIe Support:** Compact expansion options for space-constrained enclosures

Typical Applications This motherboard addresses machine automation, industrial IoT edge nodes, process control systems, and distributed computing architectures requiring persistent uptime. Application deployment spans manufacturing facilities, environmental monitoring systems, and automation platforms where component longevity and data accuracy outweigh cost minimization.

Compatibility & Integration The platform integrates within Advantech's broader IIoT ecosystem, supporting WISE-PaaS core software for edge intelligence and industrial system connectivity. Design accommodates integration across embedded computing, industrial automation, and intelligent connectivity product categories.

08GSAQ35003204 Characteristics / Specifications

PARAMETER	VALUE
Model	08GSAQ35003204
Instrument Type	motherboard / SBC
Manufacturer	Advantech
Literature	remaining-queue listing Advantech 08GSAQ35003204 Motherboard
Family	Advantech industrial motherboard / SBC family
Form Factor	as installed per drawing
System Role	embedded compute in Advantech systems that specify 08GSAQ35003204
Brand Lineage	Advantech
Queue Title	Advantech 08GSAQ35003204 Motherboard
Documentation Type	OEM remaining-queue listing
Use Case	embedded compute in Advantech systems that specify 08GSAQ35003204
Vendor Path	Advantech
Year Class	08GSAQ35003204 generation
Application Class	motherboard / SBC
Module Class	motherboard / SBC
Host Class	host on the drawing
Connector Class	connectors on the drawing
Ate Class	industrial / lab ATE class
Control Class	front panel / firmware on the drawing
Environment Class	ambient on the nameplate
Voltage Class	volts on the nameplate
Current Class	amperes on the nameplate
Config	08GSAQ35003204 remaining-queue suffix
Function Class	function on the drawing

PARAMETER	VALUE
Compute Role	industrial motherboard
Board Role	SBC / motherboard

08GSAQ35003204 Specifications

PARAMETER	VALUE
Advantech 08GSAQ35003204 Motherboard	Overview
Applications	embedded compute in Advantech systems that specify 08GSAQ35003204 in systems that specify 08GSAQ35003204.
Key Features	Advantech 08GSAQ35003204
Technical Specifications	Model: 08GSAQ35003204
Notes	From remaining-queue title (Advantech 08GSAQ35003204 Motherboard). Chipset and I/O are on the 08GSAQ35003204 drawing.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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From remaining-queue title (Advantech 08GSAQ35003204 Motherboard). Chipset and I/O are on the 08GSAQ35003204 drawing.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.