SQL Server IoT 2025 Datasheet

SQL Server IoT 2025 brings Microsoft's modern data platform, now with built-in AI, to fixed-function edge and embedded devices. As a binary equivalent of SQL Server 2025, it delivers advanced security, high-performance data processing, and seamless connectivity to Azure and Microsoft Fabric, all backed by more than 10 years of lifecycle support.

Benefits of SQL Server IoT 2025



AI Built-In

SQL Server IoT 2025 helps you build intelligent applications using your own data with built-in vector search, embeddings, and natural language capabilities. You can securely connect to AI models in Azure, on premises, or in your local environment using familiar T-SQL, without adding complexity or exposing data to unnecessary risk.



Modern Developer Experience

Developers get the most significant SQL Server update in years with native JSON, regular expressions, fuzzy matching, REST endpoint integration, and real time Change Event Streaming. These improvements make it easier to build modern IoT and edge applications and simplify data processing and integration.



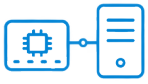
Enterprise Security and Reliability

SQL Server IoT 2025 continues SQL Server's leadership in security, now with Microsoft Entra managed identities, TLS 1.3, and improved encryption. Enhanced query execution, optimized locking, and better tempdb governance help maintain uptime and ensure predictable performance for mission critical IoT workloads.



Hybrid Integration with Azure and Fabric

SQL Server IoT 2025 integrates seamlessly with Azure Arc and Microsoft Fabric. You can easily mirror IoT data for near real time analytics without ETL, manage distributed systems through a unified control plane, and scale workloads into Azure when needed.



Flexible Deployment for Edge and Embedded Use

Run SQL Server IoT 2025 on Windows, Linux, or secure containers. Enhanced Standard and Express editions support a wide range of device classes, from lightweight embedded systems to powerful edge gateways. Partner validated hardware and deployment patterns make it easier to build durable, AI enabled IoT solutions.

SQL Server IoT 2025 Parts List

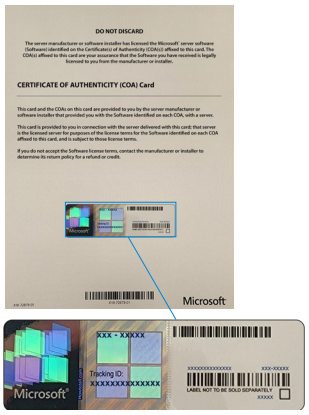
EOL	EOS	PART#	SQL SERVER IoT 2025	COA TYPE
3/31/36	1/6/36	EP2-59891-1P	SQL Svr Std RUNTIME 2025 IoT ESD OEI 1 Clt Std	K-SERIES
3/31/36	1/6/36	EP2-59892-1P	SQL Svr Std RUNTIME 2025 IoT ESD OEI 5 Clt Std	K-SERIES
3/31/36	1/6/36	EP2-59885-1P	SQL CAL Runtime 2025 IoT ESD OEI 1 Clt Device CAL	K-SERIES
3/31/36	1/6/36	EP2-59886-1P	SQL CAL Runtime 2025 IoT ESD OEI 1 Clt User CAL	K-SERIES
3/31/36	1/6/36	EP2-59887-1P	SQL CAL Runtime 2025 IoT ESD OEI 5 Clt Device CAL	K-SERIES
3/31/36	1/6/36	EP2-59888-1P	SQL CAL Runtime 2025 IoT ESD OEI 5 Clt User CAL	K-SERIES
3/31/36	1/6/36	EP2-59894-1P	SQL Svr Std RUNTIME 2025 IoT ESD OEI 4 Core License	K-SERIES
3/31/36	1/6/36	EP2-59893-1P	SQL Svr Std RUNTIME 2025 IoT ESD OEI 2 Core Addtnl License	K-SERIES
3/31/36	1/6/36	EP2-59890-1P	SQL Svr Ent RUNTIME 2025 IoT ESD OEI 4 Core License	K-SERIES
3/31/36	1/6/36	EP2-59889-1P	SQL Svr Ent RUNTIME 2025 IoT ESD OEI 2 Core Addtnl License	K-SERIES

Latest releases & top recommended highlighted in blue.

Certificate of Authenticity (COA) Details

SQL Server IoT COA Card description:

- SQL Server IoT uses a K-Series COA affixed to a COA card, not a standalone sticker
- The card ships with the licensed server; keep it as proof of license
- No product key is printed on the SQL COA card
- Product key is already pre-populated within the official SQL ISO media
- K-Series COA launched 3/5/2024 and replaces the J-Series COA



Example SQL Server IoT COA card: COA affixed, no product key printed

Additional Resources

- Windows SQL Server IoT 2025 Web Page
- Windows SQL Server Licensing Guide
- SQL Server IoT 2025 Blog
- Windows IoT Roadmaps and Support Schedule
- Windows IoT Parts List

Microsoft

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