

Wiwynn's Solution for Microsoft SQL Server Business Operations



Accelerate infrastructure deployment at reduced complexity and costs.

Providing a fast path for IT managers, Intel® Select Solutions alleviate the time-consuming process to evaluate, integrate, procure and deploy infrastructure with increased complexity.

Challenges

As cloud computing, data analytics, artificial intelligence, and other technology trends give rise to increased complexity and diversity in the data center landscape, IT managers running data centers are facing competitive pressure to deliver quicker and more efficient data center expansion. To solve and alleviate challenges like this, Intel and Wiwynn tune the configuration using Intel® Xeon® Scalable processors and Intel® technologies to provide a tested and verified solution implemented on Microsoft SQL Server 2016 to accelerate infrastructure deployment.

Intel Select Solutions for Microsoft SQL Server Business Operations

With cloud computing, data analytics, artificial intelligence, and other technologies exploding, enterprises need to react more quickly to expand their data centers. Data centers that are used in enterprises have not only been forced to grow in size but also in capability, placing pressure on modern data center managers to maintain seamless operations. Intel® Select Solutions for Microsoft SQL Server Business Operations 2016 can help minimize the time, cost, and complexity required for the enterprise to evaluate hardware and software integration. With Wiwynn's Solution for Microsoft SQL Server Business Operations validated by Intel® Select Solutions, data center customers now have an added choice for their data center transformation.

What Are Intel® Select Solutions?

Intel® Select Solutions are verified hardware and software stacks that are optimized for specific software workloads across compute, storage, and network. The solutions are developed from deep Intel experience with industry solution providers, in addition to extensive collaboration with the world's leading data center and service providers.

To qualify as an Intel® Select Solution, solution providers must:

1. Follow the software and hardware stack requirements outlined by Intel.
2. Replicate or exceed Intel's reference benchmark-performance threshold.
3. Publish a detailed implementation guide to facilitate customer deployment.

Solution providers can develop their own optimizations to add further value to their solutions.



Wiwynn's Solution for Microsoft SQL Server Business Operations



Wiwynn's SQL Server Solution

Wiwynn's Solution for Microsoft SQL Server Business Operations featuring Wiwynn® SV300G3 Series, is a 1U Multi-purpose Server for multi-purpose applications at low power consumption. This solution features Intel® Xeon® Processor Scalable Family, which represents a major architectural leap forward in processor platform advancements. This new architecture delivers impressive performance gains of up to 4.2x higher scalability for virtualized workloads, allowing customers to run more diverse variety of workloads on each system. Configured with Intel® Xeon® Scalable processors, Wiwynn SV300G3 Series has passed the "Base" validation of Intel Select Solutions which include stress test and configuration tuning. This solution is poised for Taiwan market to help enterprises receive their needed performance.

Intel® Select Solutions and Test Tools

Server Name	Function	BIOS	OS	Tools
SV300G3	SQL Server	STTG3D07	Windows Server 2016 (Build1439 3 RS1)	Microsoft SQL Server 2016 (SP1)
SV7220G3	HammerDB Client	TPC_D09	Windows Server 2016 (Build1439 3 RS1)	HammerDB v2.23

Hardware Configuration for Wiwynn's Solution for Microsoft SQL Server Business Operations

	Item	Quantity
Model	Wiwynn SV300G3	1
Processor	Intel® Xeon Platinum 8176 (2.1 GHz\28 cores)	2
Memory	Micron 32GB DDR4 2666 MHz	24
HDD	Intel® S4600 240GB SATA SSD	1
	Toshiba THNSN81Q92CSE 1.92TB SATA SSD	8
Network	Intel i210	1
	Intel x710-DA4	1

Conclusion

The key to success in today's fast-moving marketplace is the ability to bring new applications and services to market. Therefore, a much faster and more reliable infrastructure deployment is crucial to business development. Intel® Select Solutions offers a fast path for IT leaders to consolidate their infrastructure. Through Intel Select Solutions, Intel and Wiwynn offer the best solution--one that has been tested and verified, and helps organizations and businesses achieve their needed performance.



Wiwynn® SQL Server Business Operations Solution



Learn More

www.intel.com/selectsolutions

<http://www.wiwynn.com/english/product/type/details/63?ptype=27>

<http://www.wiwynn.com/english/product/type/details/65?ptype=28>

<http://www.microsoft.com/en-us/sql-server/sql-server-2016>

<http://www.intel.com/xeon>

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