



K880G6



2U1N2P

4th Gen Intel® Xeon® Scalable Processors Based Server System

Highlights

- **Dual 4th Gen Intel® Xeon® Scalable processors**
- **Highly Flexible Performance for Varied Modern Workloads**
- **Extremely scalable with up to PCIe Gen5 x16 DW FHFL GPU card x4**
- **Optional Liquid Cooling**
- **Efficient management system controlled and monitored remotely**

In the era of quick reaction to face the growing needs of Artificial Intelligence (AI) and deep learning fields, dealing with those heavy and multifarious data processing becomes a prominent subject. By adopting the most powerful 4th Gen Intel® Xeon® Scalable processor, Inventec comes out with an incredible server for this rapid and varied modern workloads. A powerful server with various feature combinations in a revolutionary platform. Based on customers' needs to provide the optimal solution for every customer.

A Powerful, Scalable, and Flexible 2U Server

In the era of data explosion, every company will face various and complicated data situation, especially companies dealing with end-customers' data. Therefore, a scalable and flexible server will be a great opportunity for those companies. Inventec K880G6 is a fully flexible server that provides multiple configurations depending on customers' needs. Whether you need general storage/compute or high-performance storage/computing, or a mix of both, K880G6 can fulfill it perfectly, and it is more than that. K880G6 offers varied storage forms (SATA/E1.S/U.2/E3.S) and various PCIe combinations to choose from.

Front View



Rear View



Latest Cooling Design

Inventec provides multiple choices to our customers to decide the suitable server performance, and different combinations need a different cooling solution to provide the best performance. Therefore, Inventec offers two cooling solutions, Forced air, and Liquid cooling, to give our customers the best cooling solutions based on the servers' performance.

Great Serviceability with the Modular Design

As a thoughtful server design company, Inventec always tries to reduce maintenance cost. The modular designs of K880G6 provide our customers with an easy and tool-less way to deal with common issues. Also, K880G6 equips N+1 redundancy for both the power supplies and cooling fans that allow for hot swapping. Moreover, drive and OCP modules support hot swapping as well.

Management and Monitoring

Managing and monitoring the system remotely is a necessary requirement that provides an efficient system's health status. K880G6 not only can monitor the system through the baseband management controller but also provides a customized software service to make the most suitable product for the customers.

About Inventec Data Center Solutions (Inventec EBG)

Inventec Data Center Solutions (Inventec EBG) was established in 1998 and has been focusing on the design and manufacturing of server systems in Inventec Corporation. Over decades, Inventec EBG has been the key server system supplier of the global branding clients.

K880G6 | 2U Server System

Positioning	General Purpose
Form Factor	2U 19" Rack Mount W x H x D: 447x 87x 890 mm (17.59x 3.42x 35.03 inch)
Processor	4th Gen Intel® Xeon® Scalable processors
Memory Slot	ECC DDR5 RDIMM/ LRDIMM, speed up to 4800 MTS
Expansion Slots/ Mezz	In front side : <ul style="list-style-type: none"> • In left side, 1x FHHL AIC (option) • In right side, 1x DW-FH AIC or (1x FHHL + OCP 3.0) • In HP Computing SKU: 4x DW FHFL AIC In rear side (option) : In General Storage #2 SKU: 1x LP to support HBA card
Network Controller	Location on OCP 3.0 mezzanine or DW-FH slot
DCPMM	Intel® Optane™ DC Persistent Memory Module (Crow Pass)
Storage Controller	In front side: <ul style="list-style-type: none"> • General Storage SKU: <ul style="list-style-type: none"> ■ 12x 3.5-inch SATA HDD drive + Option BP • High Performance Storage SKU: <ul style="list-style-type: none"> ■ 20x E1.S (15mm) + Option BP ■ 10x U.2 + Option BP ■ 10x E3.S + Option BP • General computer SKU: 8xE1.S or 4xU.2 • Option BP can be (U.2 x2+U.2 x2) or (E1.S x4+E1.S x4) In middle of chassis: <ul style="list-style-type: none"> • 2x M.2 2280/ 22110 form factor (SATA or PCIe x2 lanes)
Security	TPM2.0
Power Supply	CRPS 1+1 redundancy Supplier: Delta, Chicony and Great Wall 1600W 2400W
Fan	N+1 redundancy, 6x 6056

Inventec Corporation (TAO)

No.88, Dazhi Rd., Taoyuan Dist., Taoyuan City 33068, Taiwan
 Tel: 886-3-390-0000 Fax: 886-3-376-2370
 Email: TAOproductsupport@inventec.com

Learn more at <https://ebg.inventec.com/>

