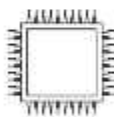




VI900 DESKTOP COMPUTER

Intelligent with right-sized configurations & performance.



POWERFUL PROCESSOR

Built with Intel® Core i9-Series processor up to 24 Cores Achieve more with a Voltriq Desktop that combines smart design and powerful features. Whether you need to run complex applications, handle large data sets, or create stunning visuals, this desktop can handle it all with ease and efficiency. With a highly customizable configuration, you can customize your desktop to suit your specific needs and preferences.



DO MORE

Support multi-tasking, experience faster data transfer with Gigabit LAN

Voltriq – VI900



Essential business computing

The VI900 helps to optimize business resources. Equipped with a powerful Intel® processor , essential tools, and security features for business. It is affordably priced and easy to set up. PC has a scalable and functional design that can grow with your business.

All the essentials for your growing business needs

The VI900 provides users with commercial-grade performance, security, and scalability for growing businesses. This PC is powered by the latest Intel® processor and protected with always-on security you can trust.

Commercial-grade performance Choose an Intel® Core™ processor for effective performance. With up to 128 GB of memory , optional M.2 NVMe SSD , and discrete graphics you can easily manage your daily business	Boost your productivity Increase productivity with support for multiple displays , while featuring the performance to tackle a range of workflows with up to 128 GB DDR5 memory and optional dedicated Graphics Card	Help keep data safe Help protect your investment and your data with firmware TPM, Drive Lock , and a physical security lock slot. Additional security is provided by an integrated cable lock system to secure your cabled devices.
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Voltriq – VI900

What is a desktop computer?

A desktop computer is a type of personal computer designed to be used on a desk or a table. It consists of separate components such as a monitor, keyboard, mouse, and a tower or chassis that contains the central processing unit (CPU) and other hardware components. It is a stationary computer system that offers more power and flexibility compared to laptops or mobile devices.

Key Components

•Case:

The enclosure that houses the main components of the computer. It comes in various sizes and orientations (tower, mini-tower, small form factor).

•Motherboard:

The main circuit board containing the central processing unit (CPU), memory slots, expansion slots, and other essential components.

•CPU (Central Processing Unit):

The "brain" of the computer, responsible for executing instructions and performing calculations.

•Memory (RAM):

Temporary storage for data that the CPU is actively using. It's essential for smooth multitasking.

•Storage:

Hard Disk Drive (HDD):

Traditional storage device with spinning platters. Offers large storage capacity at a lower cost per gigabyte.

Solid State Drive (SSD):

Faster and more durable storage device with no moving parts. Offers quicker boot times and application loading.

•Power Supply:

Converts AC power from the wall outlet to DC power for the computer's components.

•Peripherals:

Devices that connect to the computer, such as:

Monitor: Displays the computer's output visually.

Keyboard: Input device for typing text and commands.

Mouse: Input device for navigating the graphical user interface.

Speakers: Output devices for audio.

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Technical Specification

Available Operating Systems	DOS Windows 10 Professional Windows 11 Professional Ubuntu		
Processor family	Intel® Core® processor		
Available Processors	Intel® Core® i9-12900 (2.4GHz base frequency, up to 5.1GHz with Intel® Turbo Boost Technology, 30 MB cache, 16 cores, 24 threads) Intel® Core® i9-12900K (3.2GHz base frequency, up to 5.2GHz with Intel® Turbo Boost Technology, 30 MB cache, 16 cores, 24 threads) Intel® Core® i9-13900 (2.0GHz base frequency, up to 5.8GHz with Intel® Turbo Boost Technology, 36 MB cache, 24 cores, 32 threads) Intel® Core® i9-13900K (3.0GHz base frequency, up to 5.8GHz with Intel® Turbo Boost Technology, 36 MB cache, 24 cores, 32 threads) Intel® Core® i9-14900 (2.0GHz base frequency, up to 5.8GHz with Intel® Turbo Boost Technology, 36 MB cache, 24 cores, 32 threads) Intel® Core® i9-14900K (3.2GHz base frequency, up to 6.0GHz with Intel® Turbo Boost Technology, 36 MB cache, 24 cores, 32 threads)		
Chipset	Intel® H810/ H870/ B860/ B760/ Q870/ Z890/ Z790		
Form factor	Tower/ SFF		
Maximum memory	64/128 GB DDR4-2886/2933/3200MHz 128 GB DDR5-4800MHz		
Memory slots	2/4 DIMM		
Internal storage	500 GB up to 8 TB 5400/7200 rpm SATA HDD 256 GB up to 4 TB PCIe® SSD		
Available Graphics (Optional as per buyer's requirement)	Mid-Range: NVIDIA® RTX 3080 (12 GB GDDR6 dedicated) NVIDIA® RTX 3070 (8 GB GDDR6 dedicated) NVIDIA® RTX 4000 (8 GB GDDR6 dedicated) NVIDIA® RTX 4080 (8 GB GDDR6 dedicated) NVIDIA® T1000 (8 GB GDDR6 dedicated) NVIDIA® T1000E (8 GB GDDR6 dedicated) AMD Radeon™ Pro W6800 (8 GB GDDR6 dedicated) AMD Radeon™ Pro W7500 (8 GB GDDR6 dedicated) AMD Radeon™ Pro W7800 (8 GB GDDR6 dedicated) NVIDIA RTX™ A1000 (8 GB GDDR6 dedicated) NVIDIA® P2000 (5 GB GDDR6 dedicated) NVIDIA® P4000 (8 GB GDDR6 dedicated) Entry: NVIDIA® P1000 (4 GB GDDR6 dedicated) NVIDIA® T1000 (4 GB GDDR6 dedicated) NVIDIA® T400 (4 GB GDDR6 dedicated) AMD Radeon™ RX 8400 (4 GB GDDR6 dedicated)		
Ports	4 USB 3.2 ports including 1 Type C port 1- Universal Audio port 1- DisplayPort 1.4 port 1- HDMI Port 1- RJ-45 (10/100/1000 Mbps)		
Optical drive	DVD-ROM; DVD-Writer		
Internal Bays	Up-to 3 SATA Drives Up-to 2 PCIe Drives		
External Bays	1 External Bay for Optical Drive		
Communication	Wi-Fi: Wi-Fi 802.11ac (Optional) Wi-Fi 802.11b/g/n (Optional) Wi-Fi 6 AX200 (Optional) Wi-Fi 6 AX211 (Optional) Wi-Fi 6 AX201(2x2) (Optional)	BT: Bluetooth version 4.0 (Optional) Bluetooth version 4.1 (Optional) Bluetooth version 4.2 (Optional) Bluetooth version 5.0 (Optional) Bluetooth version 5.2 (Optional) Bluetooth version 5.3 (Optional)	LAN: Single Gigabit NIC 10/100/1000 (Integrated) Single 1Gigabit NIC (Optional) Dual Gigabit NIC 10/100/1000 (Optional)
Monitor	Size - 19.5" up-to 27" Resolution - HD/FHD Panel Type – Flat Display Technology - IPS/TN/VA		

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Technical Specification

Power Supply	250 – 500W PSU
Power Efficiency	82 – 92% Energy Efficient
Mouse	Wired/ Wireless Optical Mouse
Keyboard	Wired/ Wireless Keyboard
Security Hardware	Kensington security-cable slot Chassis intrusion switch Trusted Platform Module (TPM Enabled) Self-Encrypting Drives (SED)
Warranty	1/2/3 Years Hardware Service with Onsite/In-Home Service after Remote Diagnosis , warranty extensions up to 5 years



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