



HORIZON T12760

minitower business desktop

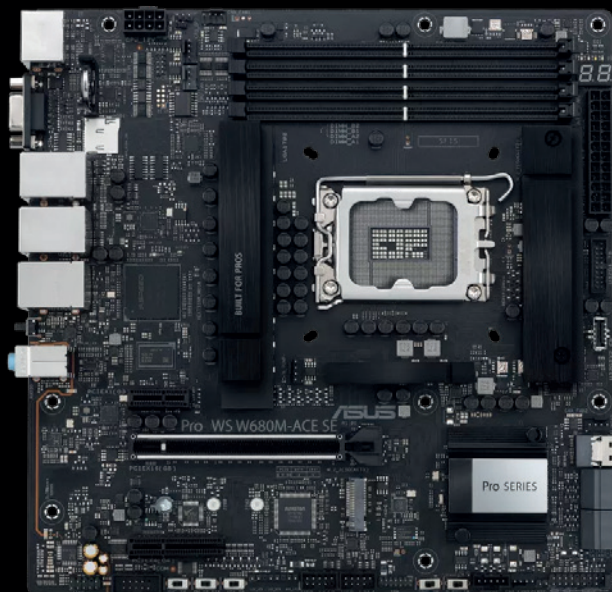


HORIZON D12760

Small Form Factor business desktop

intel.
partner
Titanium





Perfect for

- › Multimedia
- › Creativity applications
- › Education
- › Finance
- › Design - 2D, 3D, CAD
- › Workspace design and layout

Customized to your requirements

Powered by the latest generation of Intel® Core™ processors, our business-class desktops and micro PCs can be customized to your exact requirements. We understand that you require budget-friendly, energy-efficient systems that provide superior reliability and speed-up your everyday business computing tasks.

DDR5 Support

This business motherboard is a DDR5-compatible motherboard that optimizes memory module speeds and stability, while providing an advanced voltage delivery architecture for greater energy efficiency.

PCIe 5.0

This business motherboard is specially designed for 12th Gen Intel® Core™ processors and offer PCIe® 5.0 connectivity for storage devices and graphics cards. Wide bandwidth and superfast transmission speeds empower you to create feature-rich builds that deliver optimal performance wherever it's needed.

Security

Complies with NIST SP 800-193 platform firmware resiliency guidelines, protecting it from potentially destructive attacks and certified to NIST SP 800-147 national computer security standards.



Data sheet

TECH SPECS

Form Factor	Micro ATX
Motherboard	Asus® Pro WS W680M-ACE SE
Chipset	Intel® W680
Processor	12 th , 13 th or 14 th Generation Intel® Core™
Memory	Up to 192 GB SDRAM DDR5 288-pin, dual or single channel, 5600 MT/s, ECC or non-ECC (4 slots) The base memory operates in dual-channel mode and provides on-die ECC (Built-in Data Checking)
Storage	2 M.2 slots, type 2242/2260/2280 storage devices support (PCIe 4.0 x4 mode), 4 SATA 6.0 Gb/s connectors 1 SlimSAS Slot Support SlimSAS NVMe device (supports PCIe 4.0 x4 mode and up to 4 SATA devices)* * SlimSAS slot can support up to 4 SATA devices via a transfer cable. The cable is purchased separately.
Expansion Slots	1 PCIe 5.0 x16 slot, 1 PCIe 4.0 x4 slot and 1PCIe 3.0 x1 slot 2 M.2 slots, type 2242/2260/2280 storage devices support (PCIe 4.0 x4 mode),
Video	Intel® FDI video interface, supports up to 3 displays simultaneously (HDMI 2.1, 1 DisplayPort 1.4 and 1 VGA outputs) 1 PCI Express 5.0 x16 slot for discrete add-on controller
Audio	8 channel High Definition audio controller with Realtek® audio codec Built-in speaker for the recreation of Windows generated sound events
Network Controller	2 Intel® 2.5 Gb Ethernet ports that support Wake-On-LAN and PXE Boot 1 Realtek® 1 Gb Ethernet dedicated for BMC
Front I/O Ports	1 USB 5 Gb/s type C port 2 USB 5 Gb/s type A ports (T12760) - 1 USB 5 Gb/s type A port (D12760) 2 audio ports (T12760) - 1 headphone port (D12760)
Rear I/O Ports	1 USB 10 Gb/s type C port 1 USB 10 Gb/s type A port 4 USB 5 Gb/s ports HDMI 2.1, DisplayPort 1.4 and 1 VGA ports 3 RJ45 ports 3 Audio ports
Internal header	1 USB 5 Gb/s type A port (D12760) 4 USB 2.0 ports 1 serial port header
Casing	Desktop type (µATX) for the Horizon D12760 Tower type (ATX) for the Horizon T12760
Dimensions	D12760 : 318 mm W x 97 mm H x 340 mm D (10.5 L) T12760 : 173 mm W x 405 mm H x 359 mm D (25.1 L)



HORIZON D12760 / T12760

Power Supply	Compliant with Wake-on-Lan feature
Optical Drive	Wide choice of optical drives and writers available
Safety Features	Casing intrusion switch installed and functional Management utilities for Embedded UEFI/BIOS tamper resistance integrated Security loop to prevent casing opening and to secure PC NIST SP 800-147 compliant, secure UEFI Management utilities for Pre-boot and multi-factor authentication set up integrated Trusted Platform Module header
Management Tools	DMI LANDesk Client Manager Browser ; Updatable BIOS from either hard drive or network CIM, SMBIOS, DEN, WBEM and ASF standards compliant, latest versions ; DMI 2.0 compliant hardware management system ; Intel® Wired for Management Technology (WfM) SIPP stable image platform eligible Supports Intel Virtualization Technology (VT-x) Supports Intel AMT enabled from the factory; the ability to provision Intel AMT for use is available after the system has been deployed.
Environmental Features	APM 2.0 and ACPI 5.0 compliant Power Management Power consumption depending on system load (EIST) Overheat protection and shut down CPU fan speed adjusted depending on CPU temperature



BENEFITS

Why Choose Hypertec?

We work with the top software, hardware, storage and Cloud partners in order to get you where you need to be faster, better, and more efficiently.



In-House Expertise & High-Performance Products

Due to our in-house engineering expertise, our CIARA products deliver high performance hardware solutions customized for any workload.



Top Hardware & Software Partnerships

Our solid hardware partnerships with Intel®, AMD, and NVIDIA® and top software leaders like Autodesk, Colorfront and Chaos allow us to provide top solutions.



Dedicated Support & Expert Consulting Team

Our veteran team has +20 Years of experience working with leaders in the field. You can rely on our team for support and guidance at any step of your project.



Accessible Financing Options

We have different financing options for North America, and we help you meet your credit requirements for your project-specific needs.



Sustainable Hardware & Data Center Solutions

We build and integrate custom sustainable data center hardware and immersion cooling solutions that help lower your OPEX and CAPEX.



Performance-Optimized Cloud Infrastructure

We offer reliable, secure, and tailored cloud infrastructure for the most demanding workloads and applications at a balanced price point.



The 360° Hypertec Solution

We bring a full 360° solution so all you need to do is sit back and enjoy all the benefits without the headache and save on OPEX and CAPEX. Our professional services enhance your IT journey by reducing time, TCO, effort and resources.

Want to learn more or need help?

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- > Immersion Cooling Solutions
- > Hypertec Cloud Services
- > Hypertec Support Center
- > Support Services & Warranty
- > Sustainability

Learn more



Factory Assembly



BIOS & Firmware Settings



Software & OS Installation



Customer Image



Installation Planning



Unpacking New Systems



Onsite Installation



Network-Power Connection



Component Connection



Network Device Connection



Global Warranty



Workflow & Pipeline Consulting

Limited Warranty

Hardware warranty includes a one year, parts and labour with return to Hypertec USA or Canada. Customers may purchase an extended warranty of up to 5 years on parts and labour with different support levels. For additional information regarding worldwide limited warranty and technical support, please visit: <https://hypertec.com/support-services-policy/>.