



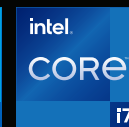
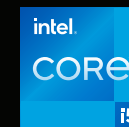
Data sheet



HORIZON T12170
minitower business desktop

HORIZON D12170
sff business desktop

intel.
partner
Titanium





Perfect for

- › Education
- › Office at home

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.

Trusted Platform Module(TPM)

Hardware-based security offers better data protection, enhances network security, protects digital identities and ensures platform integrity.

PCIe 4.0

This business motherboard is specially designed for 12th Gen Intel® Core™ processors and offer PCIe® 4.0 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.



TECH SPECS

Form Factor	Micro ATX
Motherboard	Asus® Pro H610M-CT2 D4-CSM
Chipset	Intel® H610
Processor	12 th , 13 th or 14 th Generation Intel® Core™, socket LGA1700
Memory	Up to 64 GB SDRAM DDR4 288-pin, dual or single channel, 3200 MT/s (2 slots)
Storage	1 M.2 slot socket 3, M key, type 2242/2260/2280 storage devices support (mode PCIe 3.0 x4 mode) ; 4 SATA 6.0 Gb/s ports.
Expansion Slots	1 PCIe 4.0 x16 slot, 2 PCIe 3.0 x1 slots and 1 PCI slot 1 V-M.2 slot, with E key, for Wi-Fi devices (supports PCIe and CNVi interface)
Video	Intel® FDI video interface, supports up to 3 displays simultaneously (2 DisplayPort 1.4 and 1 VGA outputs) ; 1 PCI Express 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	1 Intel® 1 Gigabit Ethernet controller with Wake-on-Lan PXE 2.0 feature
I/O Ports	2 USB 3.2 gen. 2 type A ports (rear) ; 1 USB 3.2 gen. 1 type A and 1 USB 3.2 gen. 1 type C ports (front panel) ; 8 USB 2.0 ports (2 rear, 2 front panel and 4 internal header) 1 SD card reader port 1 M.2 slot socket 3, M key, type 2242/2260/2280 storage devices support (PCIe 3.0 x4 mode) ; 1 V-M.2 slot, with E key, for Wi-Fi devices (supports PCIe and CNVi interface) 4 SATA 6.0 Gb/s ports ; 2 DisplayPort 1.4 and 1 VGA ports ; RJ45 port ; audio ports (3 + 2) ; 2 PS/2 ports ; 1 serial port and 1 serial port header ; 1 LPT header
Casing	Desktop type (µATX) for the Horizon D12170 ; Tower type (µATX or ATX) for the Horizon T12170
Dimensions and weight	D12170 : 337 mm W x 105 mm H x 383 mm D (13.55 L) - 4.49 kg T12170 : 172 mm W x 384 mm H x 397 mm D (25.27 L) - 5.72 kg
Power Supply	Compliant with Wake-on-Lan feature
Optical Drive	Wide choice of optical drives and writers available

Safety Features	Security loop to prevent casing opening and to secure PC Password protected CMOS utility program BIOS default boot device option protected by password BIOS can not be flashed without password BIOS level disabling capability : serial and USB ports TPM onboard
Management Tools	DMI LANDesk Client Manager Browser Updatable BIOS from either floppy drive, 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) Intel® Rapid Storage Technology Intel® Smart Response Technology
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.



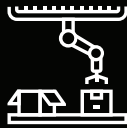
The 360° Hypertec Solution

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

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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/>.