

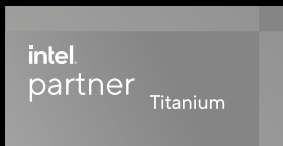


Data sheet



ASTRO PW64-Q2

business micro PC



Data sheet

TECH SPECS

Form Factor	Mini ITX
Motherboard	Asus® PRO Q870I-C
Chipset	Intel® Q870
Processor	15 th generation Intel® Core™ Ultra 9, Core™ Ultra 7 or Core™ Ultra 5 (Series 2) type T processor, Intel® socket LGA1851
Memory	Up to 128 GB DDR5 SO-DIMM, up to 6400 MT/s ; (2 slots) The base memory operates in dual-channel mode and provides on-die ECC (Built-in Data Checking)
Storage	1 M.2 M key, Type 2242/2260/2280 slot (PCIe 5.0 x4 & SATA mode) 2 SATA 6 Gb/s ports
Video	Intel® FDI video interface (2 DisplayPorts 1.4, 1 HDMI 2.0 outputs)
Audio	8 channel High Definition audio Realtek Codec controller. Built-in speaker for the recreation of Windows generated sound events
Expansion slots	1 PCIe 5.0 x16 slot 1 x M.2 E key, Type 2230 for WIFI/BT device (PCIe & CNVi)
Network Controller	1 Intel® i219-LM 1 Gb/s controller that supports Wake-On-LAN and PXE Boot
Front I/O ports	1 USB 10 Gb/s type C port 1 USB 5 Gb/s type A port 1 earphone jack
Rear I/O Ports	2 USB 10 Gb/s type A ports 1 USB 10 Gb/s type C port 1 USB 5 Gb/s type A port 2 USB 2.0 ports 2 DisplayPort 1.4 and 1 HDMI 2.1 1 RJ45 port 1 audio in, 1 audio out and one microphone jacks 2 PS/2 ports
Internal I/O ports	1 USB 5 Gb/s port 2 USB 2.0 ports 1 header for 2 serial ports
Casing	Mini ITX small form factor. (Vesa mountable)
Power Supply	External adapter : 300 W, 12 V, 22 A with 87% efficiency @ 100% of rated load and 90% efficiency (a PFC of 0.90 or better) @ 50% of rated load.
Dimensions and weight	180 mm W x 187 mm D x 56.5 mm H (1.9 L) - 1.7 Kg



ASTRO PW64-Q2

Safety Features	Kensington slot 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 On board TPM module
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) 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.
Enviromental 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



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.



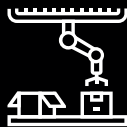
The 360° Hypertec Solution

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?

- › **Contact Sales**
- › **Immersion Cooling Solutions**
- › **Hypertec Cloud Services**
- › **Hypertec Support Center**
- › **Support Services & Warranty**
- › **Sustainability**

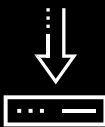
Learn more



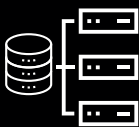
Factory
Assembly



BIOS & Firmware
Settings



Software & OS
Installation



Customer
Image



Installation
Planning



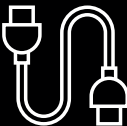
Unpacking
New Systems



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/>.