



ASTRO PN64-E1
business micro PC

intel.
partner
Titanium





Perfect for

- › Business use
- › Industrial use
- › Education

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.

Flexible ultracompact Micro PC for business and industrial use

The CIARA ASTRO PN64-E1 is no lightweight when it comes to performance, boasting the latest 13th Gen Intel® Core™ CPU with Intel® Iris® Xe graphics. It can be specified in a variety of multi-storage combinations, including an ultrafast PCIe® Gen 4 SSD for rapid boot-up and app load times.

Thunderbolt™ 4

Thunderbolt™ 4 brings Thunderbolt connectivity to USB-C® at speeds of up to 40 Gbps, along with DisplayPort™ 1.4 support. It's even compatible with USB4®, creating one compact port that does it all—delivering the fastest, most versatile connection to any dock, display, or data storage device.

Hyper-realistic 8K support

The ASTRO PN64-E1 supports a single 8K UHD display via Thunderbolt™ 4 or configured DisplayPort 1.4 or HDMI port. 8K delivers four times greater detail than 4K UHD, or 16 times that of FHD. The ASTRO PN64-E1 smoothly delivers 8K visuals at 30 Hz via Thunderbolt™ 4, configured DisplayPort, or HDMI port.



Data sheet

TECH SPECS

Form Factor	Micro PC
Chipset	Integrated
Processor	Intel® Core™ i5-13500H or Intel® Core™i7-13700H, BGA1744 socket
Memory	Up to 64 GB SODIMM DDR5 262-pin, dual or single channel, 5600 MT/s (2 slots)
Storage	2 M.2 2280 PCIe 4.0 slots 1 x SATA 6 Gb/s connector for 2.5" HDD * 2.5" HDD bay only supports 7mm height
Card reader	Integrated SD card reader (optional)
Video	Intel® Iris® Xe Graphics integrated to the processor, supports up to 4 displays simultaneously (2 HDMI output + 1 optional VGA/HDMI/DisplayPort ouput + Thunderbolt™ Type-C support DP)
Audio	Four channel high definition audio controller, Realtek® ALC3251 Audio CODEC
Network Controller	2.5 G LAN, Intel® I226V with Wake-on-Lan PXE 2.0 feature
Wireless network	WiFi 6E, Bluetooth 5.2, 2*2
TPM	Integrated embedded TPM Module vers. 2.0
Front I/O Ports	1 Thunderbolt™ 4 port (w/ DP output) 2 USB 3.2 Gen2 ports 1 audio jack (Line out/ Mic in/ Headphone out)
Rear I/O Ports	1 Thunderbolt™ 4 port (w/ DP output, PD power input) 1 USB 3.2 Gen2 port 2 USB 3.2 Gen1 ports 2 HDMI ports 1 2.5G LAN port 1 configurable port (options: DP1.4/ HDMI2.1/ COM/ VGA/ 2.5G LAN) 1 DC-in connector
Power Supply	19 Vdc, 6.32 A, 120 W power adapter
Dimensions W x D x H	4.72 x 5.12 x 2.28 inch (120 x 130 x 58 mm) [0.9 L]
Weight	0.75 kg
Accessories	USB keyboard & mouse (optional) VESA mount kit (optional)



ASTRO PN64-E1

Safety Features	Security loop to prevent casing opening and to secure PC (rear) Kensington lock slot (side) 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
Certificates	BSMI/CB/CE/FCC/UL/CCC/C-Tick/WiFi/RF/VCCI



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.



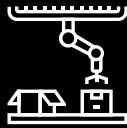
The 360° Hypertec
Solution

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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- › Hypertec Cloud Services
- › Hypertec Support Center
- › Support Services & Warranty
- › Sustainability

Learn more



Factory
Assembly



BIOS & Firmware
Settings



Software & OS
Installation



Customer
Image



Installation
Planning



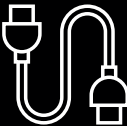
Unpacking
New Systems



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/>.