User's Guidance

MODEL: Pantera

NOTE: Indoor use only

PicoPC: A NEW ERA OF DESKTOP PCs

WHAT IS THE COMMON PROBLEM WITH COMPUTERS TODAY?

Since the recent advent of remote work and study becoming popular, many people have realized that there is nothing that fills that gap between a powerful desktop, and a laptop when it comes to productivity on-the-go.

Mobile phones do not solve the problem of people needing to have a full-multitasking office computer setup while still being portable, since the amount of work one can do on smartphones is limited. If there are any, they are too bulky, too expensive, or both.

THE SOLUTION

A tiny portable desktop PC.

One that gets every job done and fills that void where mobile phones, tablets, and other mobile devices fail miserably. Pantera Pico PC ticks all the requirements, and meets all your portable office computing needs.
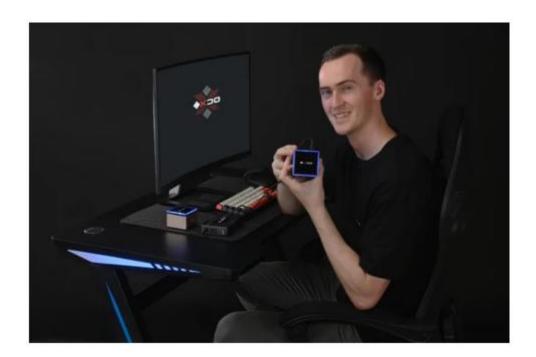

TOP REASONS TO GET A PANTERA PICO PC

- Ultra small form factor desktop computer, easily fits most bags
- Far lighter than a desktop tower PC
- Windows and Linux compatible
- Perfect for office or for work-from-home setups
- It's an all-around home entertainment center
- It's Windows 11 ready

- User-expandable storage
- More USB ports than the competition
- Ultra silent active cooling system
- Large 360-degree LED power indicator
- 4K UHD video output
- Works as a game center

WHY THE PANTERA PICO PC IS THE RIGHT PORTABLE COMPUTER FOR YOU

The Pantera Pico PC is the perfect device for productivity and entertainment that is willing to go anywhere with you. It is an ultra-small and ultra-light computer, you can put it in the palm of your hand and weighs just about the same as an average smartphone of today. Unlike a tower PC, you can take the Pantera from one room to the other, take it upstairs, downstairs, bring it to the office, without breaking a sweat. We have designed the Pantera to be so small   that when you put it on your desk, your desk will instantly look huge because of all the space you have saved.

THE COMPACT VERSATILE COMPUTER

One wouldn't expect the Pantera Pico PC to perform as much as it does, coming from such a small package.

Aside from doing office tasks and being a home computer, it can be deployed as an embedded computer, for POS, for digital signages, for CCTV systems, and much more depending on the requirement.

Pantera Pico PC Hightlights

WHY GET A PANTERA PICO PC?

1. *Small form factor*

Small footprint requires very little work area and allows the user more desk space for other things. Unlike its desktop tower counterparts, the Pantera Pico PC is small and ultra-light; it fits in the palm of your hand. So small, that you can put it in your bag and barely notice that it's even there. Having a tiny shell

also means that it requires less power to run, and in fact, it can run on a 12V power bank.

Body dimensions: 6.9cm wide x 6.9cm deep x 5.3cm high

- *Windows and Linux compatibility*

Pantera Pico PC is fully compatible with 64-bit operating systems. Windows 10 runs perfectly smooth and runs happily with nary a hiccup. And since many Linux-based operating systems are lightweight, the Pantera Pico PC is perfectly capable of running popular Linux distributions. We have tested and used Ubuntu Desktop, Linux Mint, along with other Linux distributions, all without issues.

- *It's the perfect device for the office, or for work-from-home setups*

Pantera Pico PC is the perfect solution for the demand for low-cost office productivity computers. It is capable of being a work-from-home device, for web-meetings, and online classes. It does not require a lot of setup and is easily portable from one location to another when needed.
Hardly even half the price of a regular laptop, it's a computer that fits in your pocket quite nicely.

- *It's a home entertainment center*

Watch your movies on your big 4K TV that you recorded yourself or someone else, browse family pictures, even play your music. Coupled with a good internet connection, the Pantera Pico PC can function as a great media-streaming device. You and your family can watch movies on Netflix, Amazon Prime, YouTube, making it a versatile home entertainment device.

- *It is Windows 11 ready*

Microsoft has announced their latest requirements for PCs to be compatible with the latest version of their operating system, Windows 11, and Pantera Pico PC meets and exceeds them. You can rest assured that when Win11 rolls out, you know this device is upgradeable to it when you choose to.

- *User-expandable storage*

Storage can be added using the MicroSD card slot in front, or a more permanent solution is by swapping out the SSD with a larger capacity one. We highly suggest that you purchase Pantera in the SSD capacity larger than what you first think you need, as files can really quickly take up space.

- *More USB ports than the competition*

You can plug in as many as 4 USB peripheral devices on the Pantera Pico PC. It has 3x USB3.0, two of which are located in the front, 1x USB3.0 and 1x USB2.0 at the back. Enjoy blazing fast transfer rates on 3 out of 4 ports, when you need them.

- *Ultra Silent Active Cooling System*

The ultra quiet fans are engineered to be silentso that you enjoy more of the movies and TV series without being bothered with the usual fan noise most computers have. We made sure the heat-sink is robust to dissipate heat from the processor and away from the device, to keep your Pantera performing at its best at all times.

- *Large 360-degree LED power indicator*

The Pantera Pico PC features a LED lighted strip that wraps around the top lid that can be seen from all directions. This 360-degree-viewable LED strip is helpful since the Ultra Silent Active Cooling System's fan is so silent, you need to have a way of finding out if the computer is running or not.

- *4K UHD via HDMI output*

Connect your 4K monitor or 4K TV and enjoy up to 60 frames per second for that buttery smooth video. Especially when using the Pantera Pico PC as a media streaming device, having UHD resolution capability brings you clear crisp visuals.

- *Works as a game center too*

For those times when you and your family want some casual gaming, the Pantera Pico PC has been tested to run game titles like Minecraft, CS Go!, and Half-Life 2.

- *Drop-proof carrying case accesory*

Since it is so small, we've designed an optional carrying case for you to protect your Pantera Pico PC while being transported.

Choice of EVA cases available as add-ons options during checkout.

- *Dual-Channel Memory*

Apps run faster, multi-tasking and switching between tasks is noticeably quicker compared to other computers with single-channel only memory.

- *Abundant portable accessories ecosystem*

From the portable PicoProjector, to folding keyboards and miniature mice, we have your tiny portable computing needs covered. The PicoPc + PicoProjector + PowerStation weigh around 30% less than the average laptop and are 1/6th the weight of the traditional desktop.   You can view our full accessories add-on offerings during check-out.

With the PicoProjector and 12V-PowerStation paired with the PicoPC, you have a 100% portable computing solution.

TECHNICAL SPECIFICATIONS

- Intel Celeron J4125 Quad Core 2.7Ghz CPU
- Dual Band WiFi 2.4Ghz/5Ghz 422Mbs
- Up to 8gb LPDDR4 (2x 4GB running in dual-channel mode)
- Up to 1 Terabyte M.2 SSD
- Ultra Tiny - 2.63 X 2.63 X 1.75 Inches
- 4 USB Ports - 3x USB3.0, 1x USB2.0
- 12V USB-C power port
- 2 SSD Storage
- MicroSD expansion card slot
- 64-bit Windows 10 / Linux compatible
- Combo Speaker/Microphone Jack
- Powerful Fan
- Robust Heat-sink

TINY MIGHTY PC

Tower desktop computers take up a big portion of your desk space, Pantera Pico PC is designed specifically to be as small as possible while still retaining many capabilities of its gargantuan cousins. The Pantera measures a mere 2.63 x 2.63 x 2.1 inches (67 x 67 x 53 millimeters), and weighs just 0.39 pounds. The outer shell is made from a single block of aluminum, CNC-milled and hard-anodized for the perfect finish, and only the top and bottom are made of durable plastic. It has no problem being carried around in your jacket pocket.

THE PROCESSOR

Despite the Pantera's diminutive size, there is plenty of power under the hood. That power is provided for by the highly-efficient quad-core Intel Celeron J4125 chip, and is very much capable of multi-tasking, the biggest requirement in today's productivity work.

Things like working on presentations, documents, and browsing the web, can be done with perfect ease on the Pantera Pico PC. Video is handled by the Intel UHD graphics which outputs a maximum of 60 frames per second of 4K video.

MEMORY AND SSD STORAGE

The Pantera Pico PC uses 2 4GB LPDDR4 RAM, for a total of 8GB, running in dual-channel memory configuration that significantly doubles the data transfer speed by adding one more channel of communication between the memory and the memory controller. What does that mean for you? Having the RAM configured in dual-channel mode means twice as fast accessing of programs stored in memory, your apps are more responsive, switching between tasks is also twice as fast, and many more performance benefits compared to a computer with only a single-channel RAM configuration.

Inside the Pantera is an M.2 2242 SSD for storing your operating system and files. Choose the storage size you need, Pantera comes in options ranging from 64GB up to a maximum of 1 Terabyte so you can store all your documents, presentations, videos, photos and everything else you might want to keep.

What's more is that you can expand the storage capacity by adding in a MicroSD card via the front slot, or use your card for transferring files from your DSLR, action camera, or mobile phone to your Pantera with absolute ease.

WIRED OR WIRELESS, WE GOT YOU COVERED.

When we first put our wishlist of things that need to go into the Pantera Pico PC, we thought of everything possible to keep the balance between functionality, style, power, I/O ports, and of course, connectivity, all while keeping the small form factor the smallest possible.

Pantera has 4 USB Ports around the shell, 2 USB3.0 in front for super fast transfers and ease of access, 1 USB3.0 and 1 USB2.0 at the back. Flash drives, external hard drives and other devices can move data without the long wait time.

It uses dual-WiFi 6 for better wireless connection to a wireless router. It sports Bluetooth 5.1 for your wireless peripherals like wireless keyboards, mouse, earphones, headphones, game controllers, and so much more, with minimal latency that current technology can give. Attach a multi-purpose hub to add even more functionality and the Pantera Pico PC will be happy to take them all in.

Got a wired microphone or headset? No problem. We made sure that the Pantera has a combo speaker/mic port, found at the back right between the USB ports.

ULTRA SILENT ACTIVE COOLING

Having a processor capable of multitasking means it will be generating heat, which needs to be managed to keep the Pantera working at optimal levels every time. We created the Pantera to have an ultra silent active cooling system so that aside from moving the heat away from the unit, you won't be bothered with the common fan noise that plagues many computers. At just 19dB, you can watch your movies' silent parts in peace.

YOUR CHOICE OF OPERATING SYTEM
Get your Pantera with Windows 10, or install the Linux of your choice. We've tested it to work with many Linux-based distributions like Ubuntu and Linux Mint, our top favorites so far.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Statement:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

Please make sure that the product is normally connected to the wifi network during use, and the contact voltage is good during use. In order to have a good experience of using the product, please keep at least 20 cm.