

## PCB\_CUBE\_N100\_8G\_HOME

PCBuilder CUBE-N100 Mini PC, N100 3.4GHz, 8GB RAM, 512GB SSD, Win 11 Home

### Product Overview

PCBuilder CUBE-N100 Mini PC, Intel N100 3.4GHz 6MB Cache Quad Core Processor with Intel UHD Graphics, 8GB DDR4-3200 SO-DIMM Memory, 512GB M.2 PCI-e Solid State Drive, Windows 11 Home, Intel Wi-Fi 6, Bluetooth, VESA Mount, 1x 3.5mm Aux (Dual Line-Out Mic-In) (Front), 2x USB3.2 Gen 1 (Up to 5Gbps) (Front), 1x Type-C (DP & PD passthrough) 4096x2160 (4K@60Hz) (Front), 1x RJ45 Gigabit Ethernet (2.5Gbps) (Front), 2x HDMI 2.1 4096x2160 (4K@60Hz), 2x USB3.2 Gen 2 (Up to 10Gbps), 1x MicroSD Card Reader (Up to 32GB)





## Specifications

### Overview summary:

The PCBuilder CUBE-N100 Mini PC offers powerful Intel N100 quad-core performance in an ultra-compact form factor. Pre-loaded with Windows 11 Home and packed with features like 8GB DDR4 RAM, 512GB NVMe SSD, Wi-Fi 6, and 4K output, it's the ideal choice for offices, POS systems, or home productivity.

Enjoy triple display support via dual HDMI 2.1 and USB-C DP output, lightning-fast USB3.2 Gen1/Gen2 ports, and solid network connectivity with 2.5Gbps Ethernet and Bluetooth 5.2. VESA mount included for sleek desktop or behind-monitor installations.

**Mini PC tier:**Entry-level desktop

**Uses:**Office, media playback, signage, light productivity

### Key Features:

- Processor: Intel N100 (4-core, 3.4GHz boost, 6MB cache)
- Graphics: Intel UHD Integrated Graphics, 4K@60Hz
- Memory: 8GB DDR4 SO-DIMM (3200MHz, upgradeable to 16GB)
- Storage: 512GB Gen3 M.2 NVMe SSD
- Networking: 2.5Gbps Ethernet, Intel Wi-Fi 6, Bluetooth 5.2
- Ports: 2x HDMI 2.1, USB-C DP/PD, USB3.2 Gen1/Gen2, microSD
- OS: Windows 11 Home
- Mount: VESA mount included

### Overview:

- PCBuilder CUBE Mini PC
- Intel N100 4-Core 2.5GHz (Up to 3.4GHz)
- 8GB DDR4 3200MHz SO-DIMM Memory (1x 8GB)
- Intel UHD Integrated Graphics
- 512GB Gen3 M.2 NVMe Solid State Drive (SSD)
- Built-in Power Supply
- 2.5Gb LAN and Wi-Fi 6 connectivity

---

## ComX Computers

### Product Specification Sheet

#### - Microsoft Windows 11 Home

The PCBuilder CUBE-N100 Intel Mini PC delivers powerful desktop performance in a compact PC form, making it an ideal choice for offices, digital signage, and point-of-sale (POS) systems. Whether you need a reliable workstation or a space-saving business solution, this compact PC ensures smooth multitasking with its Intel N100 processor, featuring 4 cores and 4 threads reaching speeds of up to 3.40GHz. It also features 8GB of high speed DDR4 SODIMM memory and a 512GB Gen3 M.2 NVMe SSD to ensure that every task gets done on time.

Designed for professional environments, the CUBE-N100 Intel Mini PC supports stunning 4K visuals with Intel UHD Integrated Graphics. Dual HDMI 2.1 ports allow you to extend or mirror your display, creating an efficient multi-monitor setup for increased productivity. Whether you're running presentations, managing business applications, or driving digital signage, this compact PC delivers crisp, vibrant visuals at 4K@60Hz.

With Intel Wi-Fi 6 (802.11ax), Bluetooth 5.2, and Gigabit Ethernet, this Intel N100 Mini PC ensures seamless connectivity. It also features rapid USB 3.2 and Type-C ports, supporting data transfers up to 40Gbps - perfect for quick file access and connecting external devices.

Storage flexibility is another advantage of this compact PC. It supports an M.2 PCIe 4.0 NVME SSD for high-speed performance, a 2.5" SATA HDD for additional capacity, and a microSD card reader for easy expansion. Whether you need fast boot speeds or ample storage, the PCBuilder CUBE-N100 Intel Mini PC adapts to your needs.

Designed to save space, this compact PC is VESA-mountable, allowing for a clutter-free setup by attaching it behind a monitor. The included VESA mount makes installation simple, while its durable build ensures long-lasting reliability. Security is also a priority, with a Kensington lock slot providing protection in shared office environments.

The PCBuilder CUBE comes pre-installed with Windows 11, which has easy-to-use tools that can help you optimise your screen space and maximise your productivity. It features great tools like Microsoft Edge, the new and improved Microsoft Store, Snap Layouts to arrange your open windows into grids, Desktops for better organisation, as well as Widgets.

If you're looking for an efficient and space-saving solution for your workspace, the PCBuilder CUBE-N100 Intel Mini PC offers a perfect balance of power and convenience. With its compact size, versatile connectivity, and high-speed performance, this compact PC is built to enhance productivity in any professional setting.

Built in-house by our experienced technicians, each build is constructed with care and precision. They're packaged with protective foam that secures the components while in transit, so every build arrives at its destination ready to use from day one.

## Features:

- Get full PC performance in a compact design, perfect for offices, digital displays, and POS systems
- Intel N100 processor, featuring 4 cores and 4 threads for speeds up to 3.40GHz
- 8GB DDR4 SODIMM memory and 512GB Gen3 M.2 NVMe SSD preinstalled
- Enjoy rapid data transfer speeds with USB up to 10Gbps
- Experience crisp 4K visuals with Intel UHD Integrated Graphics for stunning displays
- M.2 NVMe SSD, SATA HDD, and microSD slots for ultimate storage flexibility
- Stay connected with high-speed Wi-Fi, Bluetooth, and 2.5Gb Ethernet for seamless networking
- Extend or mirror up to 3 additional displays for boosted productivity
- A sleek, minimalist design that saves space and mounts seamlessly (VESA mount included)
- Microsoft Windows 11 Home Operating System

## WINDOWS 11:

- Less noise, clutter, and chaos. Windows 11 reimagines the way a PC should work for you and with you. Windows 11 is

redefining productivity.

- Windows 11 instantly connects you to the people you care about.
- Easily access the news, information, and entertainment you care about faster, thanks to Windows 11 widgets.

What's in the box:

- PCBuilder CUBE-N100 Mini PC (8GB RAM, 512GB SSD)
- AC power adapter
- VESA mounting bracket
- 4x M4 mounting screws
- 2x M3 mounting screws
- User manual

Specifications:

|                        |                                                                   |
|------------------------|-------------------------------------------------------------------|
| Operation System       | Windows 11 Home                                                   |
| Colour                 | Black & anodised grey                                             |
| Material               | PC, ABS, & aluminium alloy                                        |
| Kensington lock slot   | Yes                                                               |
| LAN                    | GbE Ethernet (2.5Gbps)                                            |
| Wireless LAN           | Intel Wi-Fi 6 (Wi-Fi 802.11 a/b/g/n/ax)                           |
| Bluetooth              | V5.2                                                              |
| VESA mount             | Yes (included)                                                    |
| AC input Input         | 100-240V (50/60Hz)                                                |
| DC output Output       | 65W (19V/3.42A)                                                   |
| Total draw power (TDP) | 6W                                                                |
| Chipset                | Intel Processor N100 (4 cores/4 threads, 6MB cache up to 3.40GHz) |
| GPU                    | Intel Ultra High Definition (UHD) Integrated Graphics             |
| Memory                 | 1 x 8GB DDR4 3200MHz SO-DIMM Memory (Can support up to 16GB)      |
| Storage                | 512GB Gen3 M.2 NVMe Solid State Drive (SSD)                       |
| Storage slots          | 1x M.2 PCIe 3.0 NVME (SSD)                                        |
|                        | 1x 2.5" SATA (HDD/SSD)                                            |
| Ports (front)          | 1x 3.5mm AUX (dual line-out mic-in)                               |
|                        | 2x USB3.2 Gen 1 (up to 5Gbps)                                     |
|                        | 1x Type-C (DP & PD Passthrough ) 4096 x 2160 (4K@60Hz)            |
|                        | 1x RJ45 Gigabit Ethernet (2.5Gbps)                                |
| Ports (back)           | 1x DC power                                                       |
|                        | 2x HDMI 2.1 4096 x 2160 (4K@60Hz)                                 |
|                        | 2x USB3.2 Gen 2 (up to 10Gbps)                                    |
| Ports (right)          | 1x microSD card reader (up to 32GB)                               |
| Operating temperature  | 0degreesC to 40degreesC                                           |

---

## ComX Computers

Product Specification Sheet

|                    |                     |
|--------------------|---------------------|
| Product Dimensions | 12.5 x 11 x 43.5 cm |
| Product Weight     | 340g                |

### Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

**Product page:**

[https://www.comx-computers.co.za/PCB\\_CUBE\\_N100\\_8G\\_HOME-PCBuilder-CUBE-N100-Mini-PC-N100-Buy-p-326028.php](https://www.comx-computers.co.za/PCB_CUBE_N100_8G_HOME-PCBuilder-CUBE-N100-Mini-PC-N100-Buy-p-326028.php)

---

*Images and specifications are provided for reference and are subject to change without notice. E&OE.*

Terms of Use: <https://www.comx-computers.co.za/terms-of-use.php>

Terms of Sale: <https://www.comx-computers.co.za/terms-of-sale.php>

---

PDF generated: 2026-10-04 12:19:57.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.