



## Thinvent Aero Mini PC

### Intel processor N5095A

4 core, up to 2.9 GHz, 4 MB cache

### 8GB DDR4 RAM

### 2TB SSD

### No WiFi

### Thinux Embedded Linux

SKU: AERO-N5-8-M2048-12\_5-X-  
THINUX-0



Engineer reliability into every task with the Thinvent Aero Mini PC.

This isn't just a compact computer; it's a dedicated powerhouse for industrial environments. Engineered to deliver unwavering performance where it matters most, the Aero Mini PC excels as the silent, robust brain behind your critical operations.

#### Perfect for purpose-built solutions

From digital signage and interactive kiosks to machine control and thin client setups, its robust construction and reliable Intel processing handle continuous operation with ease. The pre-installed Thinux™ Embedded Linux operating system provides a stable, secure, and streamlined platform right out of the box, minimising setup time and complexity.

#### Why choose the Aero Mini PC

- Unmatched reliability in a compact, rugged steel chassis built for 24/7 duty.
- Simplified deployment with a ready-to-run industrial OS, complete with essential productivity and development tools.
- Versatile connectivity for a wide range of peripherals and displays, ensuring seamless integration.
- Effortless remote management and support capabilities to keep your systems running smoothly from anywhere.
- A trusted solution backed by rigorous certifications, offering peace of mind for your most demanding projects.

Deploy with confidence. Build on a foundation of industrial-grade computing.



# Thinvent Aero Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 11th    |
| Series          | Celeron |
| Processor Brand | Intel   |
| Processor Model | N5095A  |
| Cores           | 4       |
| Max Frequency   | 2.9 GHz |
| Cache           | 4 MB    |
| Main Memory     | 8 GB    |
| SSD Storage     | 2048 GB |

### DISPLAY

|      |   |
|------|---|
| HDMI | 1 |
| VGA  | 1 |

### AUDIO

|                   |   |
|-------------------|---|
| Speaker Out       | 1 |
| Mic In            | 1 |
| Front Speaker Out | 1 |
| Front Mic In      | 1 |

### CONNECTIVITY

|               |   |
|---------------|---|
| USB 3.0       | 4 |
| Front USB 2.0 | 4 |
| Front USB C   | 1 |

### NETWORKING

|          |           |
|----------|-----------|
| Ethernet | 1000 Mbps |
|----------|-----------|

### POWER

|              |                                              |
|--------------|----------------------------------------------|
| DC Voltage   | 12 Volts                                     |
| DC Current   | 5 Amps                                       |
| Power Input  | 100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum |
| Cable Length | 2 Metre                                      |

### ENVIRONMENTAL

|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | 0°C ~ 35°C                   |
| Operating Humidity    | 20% ~ 80% RH, non condensing |
| Certifications        | BIS, RoHS, ISO               |

### PHYSICAL

|                      |                       |
|----------------------|-----------------------|
| Form Factor          | Mini PC               |
| Dimensions           | 198mm × 187mm × 40mm  |
| Housing Material     | Steel and ABS Plastic |
| Housing Finish       | Powder Coated         |
| Housing Colour       | Black                 |
| Net and Gross Weight | 1.48kg, 1.48kg        |

### OPERATING SYSTEM

|                  |                                                                                                                                                                                                                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating System | Thinvent® Thinux™ Embedded Linux                                                                                                                                                                                                                                                                                                                                  |
| OS Features      | <p>Chromium and Mozilla Firefox browsers.</p> <p>RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display.</p> <p>Browser based remote management. VNC shadowing.</p> <p>Java, Python and glibc based location application support.</p> <p>LibreOffice and PDF viewer.</p> <p>Multimedia player with MPEG4 support.</p> <p>SIP video and voice over IP.</p> |

## Ordering Information

## PRODUCT CODE

Aero-N5-[RAM]-[SSD]-12\_5-[Wireless]-[OS]-[Accessories]

|             |                                      |                                        |                       |                       |
|-------------|--------------------------------------|----------------------------------------|-----------------------|-----------------------|
| RAM         | <b>4</b> = 4GB DDR4                  | <b>8</b> = 8GB DDR4                    | <b>16</b> = 16GB DDR4 | <b>32</b> = 32GB DDR4 |
| SSD         | <b>m128</b> = 128GB                  | <b>m256</b> = 256GB                    | <b>m1024</b> = 1TB    |                       |
|             | <b>m512</b> = 512GB                  | <b>S32</b> = 32GB MLC                  | <b>S256</b> = 256GB   |                       |
|             | <b>m2048</b> = 2TB                   |                                        |                       |                       |
|             | <b>S128</b> = 128GB                  |                                        |                       |                       |
| Wireless    | <b>m</b> = Dual Band WiFi            | <b>X</b> = No WiFi                     |                       |                       |
| OS          | <b>DOS</b> = DOS                     | <b>W_OS</b> = Without OS               |                       |                       |
|             | <b>11I</b> = Windows 11 IoT          | <b>11P</b> = Windows 11 Pro            |                       |                       |
|             | <b>110</b> = Windows 11 Professional | <b>Thinix</b> = Thinix™ Embedded Linux |                       |                       |
|             | <b>U</b> = Ubuntu Linux              |                                        |                       |                       |
| Accessories | <b>0</b> = None                      | <b>KM</b> = Keyboard and Mouse set     |                       |                       |
|             | <b>MK</b> = Mechanical Keyboard      | <b>Mo</b> = Wired Optical Scroll Mouse |                       |                       |

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