# Aspect Nano

Product Overview

# Introducing Aspect Nano



Aspect Nano is a high-performance, efficient, ultra-compact mini PC capable of outputting to quad 4K displays using the powerful Iris Xe graphics. Perfect as a compact client PC or for 24/7 use as a signage player.

| Dual USB-C | Quad-Display Support | Intel Iris Xe Graphics | 30% lower power* | Versatile Mounting |
|---|---|---|---|---|

## Connectivity



Front · Rear





### Dual USB-C

Connect to multiple modern devices and docks with dual front and rear USB-C ports. With support for up to 65W power delivery in and DisplayPort alt mode, you get fast charging, video output and high-speed data all from a single cable.

### Quad 4K Support

Take your workspace or digital signage setup to the next level with quad 4K output. Whether you're powering a multi-monitor client PC or delivering eye-catching content across four screens.

### Stay Connected

The Aspect Nano has ultra-fast, secure Wi-Fi 6, perfect for collaboration and high-density environments. If you need reliable, high-speed data transfers, the integrated 1Gb LAN is ideal for bulk imaging, rapid deployment, and network-intensive tasks.

*than a typical modern PC

# Features

**Balanced Performance**



### Small and Powerful

The Aspect Nano features a 12th Generation Intel Core i5 mobile CPU, designed to deliver energy-efficient operation with powerful, responsive performance exactly when you need it.

### Intel Iris XE Graphics

Iris Xe graphics offer a smart balance of performance and efficiency. Handle demanding tasks, enjoy smooth 4K visuals and benefit from cooler low power operation. Ideal for compact client PCs and digital signage that needs to run reliably around the clock.

### Low Power

Aspect Nano draws up to 30% less power than a modern PC during typical use and consumes up to 90% less energy when operating under full load. This means Aspect Nano can help you save up to 30% on your energy bills, significantly reducing both costs and environmental impact.

**Durability & Reliability**



### 24/7 Use

Aspect Nano is designed to run continuously without missing a beat. Perfect for digital signage, information screens and kiosk displays.

### RTC Scheduling

Save energy, reduce costs, and streamline your workflow by scheduling device uptime precisely. Combined with remote signage software, Aspect Nano becomes an efficient, remotely managed digital signage solution for both schools and businesses.

# Features

**Ergonomics**

The PRO Stand is height-adjustable and pairs perfectly with our range of VESA compatible products, including the Aspect Nano. It comfortably supports monitors up to 27", letting you easily mount your system behind the screen. That way, you free up valuable desk space with better cable management and enjoy easy access to the rear ports and cable covers.

You can also mount the Nano under a desk, on a wall, or directly to the back of a monitor using the VESA back plate. When using the PRO Stand, choose between a quick release fit that lets you pop the Nano off whenever you need to, or a secure option that screws it down for a fixed setup.



**PRO Stand**



**Back Of Monitor**



**Secure VESA**



**Under Desk / On Wall**

# Services

**Hardware Services**

Save time and money by letting us do the heavy lifting for you.

### BIOS

Pre-configure BIOS settings, add custom branding, passwords, boot orders, and more.

### Imaging

Deploy custom OS imaging and store them for future purchases.

### Autopilot Enrollment

Pre-enroll devices on Microsoft Intune.

### MAC/Serial Provision

We provide MAC/ serial numbers ahead of shipment.

### Asset Tagging

Affix your asset numbers / tags to your device

### Decommissioning

Decommission your existing hardware ready for redeployment or recycling.

### Deliver to Desk

Our technicians will unbox, cable, and configure your systems.

### Equipment Recycling

Collect & recycle in compliance with WEEE regulations.

### Packaging Takeback

We'll take away and recycle the packaging that your systems arrived in.

**Custom Branding**

Add your logo, crest, motto, or colours. Make your new Aspect Nano yours. Durable, high-quality printed vinyl crafted by our in-house design team and caringly applied before shipping.

We say be proud, reinforce your brand, represent your school colours, or add a little je ne sais quoi.

- Full-colour printing
- Large, eye-catching branding
- Durable long-lasting vinyl

# Warranty & Performance

**Warranty**

Experience peace of mind with our comprehensive warranty options. We offer up to 5 years total coverage, including an Extended Service Plan designed to minimise downtime.

## Standard Plan

Included

1 year collect and return

## Advance Plan

Upgrade

3 or 5 year collect and return

## Extended Service Plan

Upgrade

Upto 5 year total cover extended service
*Replacement parts, whole products or on-site engineer*

**PCMARK10**

**Performance**

VeryPC measure the performance of our products using PCMark 10, a world renowned benchmarking tool that can be used to compare real-world performance between computer hardware.

**Essentials**

Everyday use, including web browsing, video conferencing and app startups

**10459**

**Productivity**

Office applications, including spreadsheets and word processing

**7056**

**Content Creation**

Digital content and media, including photo/video editing and rendering

**6119**

**5500**
Total Score

# Power & Performance Comparison

**Aspect Nano**
Intel Core i5 1235U,
Intel(R) Iris(R) Xe Graphics - 80EU,
2 x 8GB 3200MT/s

**VS**

**Modern PC***
Intel Core i5 12400,
Intel(R) UHD Graphics 730 - 24EU,
2 x 8GB 3200MT/s

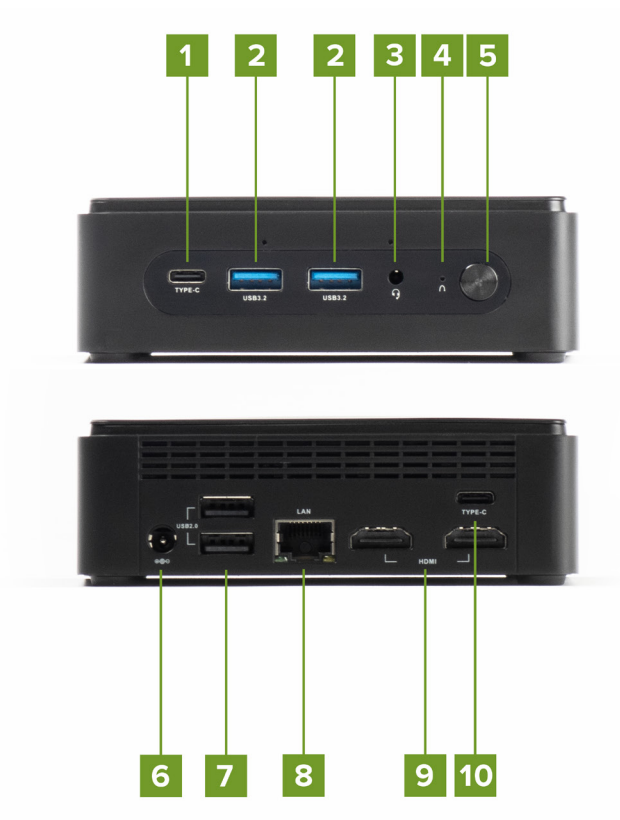| Aspect Nano | | Modern PC* |
|---|---|---|
| 5500 | **Performance Score** | 5697 |
| 63.68 kWh per annum | **Estimated Energy Use** | 87.80 kWh per annum |
| £15.60 per annum | **Estimated Energy Cost** | £21.51 per annum |
| 177.42 points per watt | **Performance Efficiency** | 132.83 points per watt |

**30%**
less power consumption during typical use compared to a modern PC

**90%**
less power under full load compared to a modern PC

**30%**
reduction in energy bills compared to a modern PC

*Modern PC based on Flex Mini*

# Ports



1. USB 3.2 Gen 1 (Type-C)

2. USB 3.2 Gen 1 (Type-A)

3. Audio in/out (3.5mm combo jack)

4. Clear CMOS Button

5. Power Button

6. Power Port

7. USB 2.0 (Type-A)

8. 1Gb LAN (RJ45)

9. HDMI 2.0

10. USB 3.2 Gen 1 (Type-C) (DP alt mode & 65W PD)

# Technical Specification

## Performance

| | |
|---|---|
| Processor | Intel Core i5 1235U - 2P/8E/12T |
| Memory | Up to 32GB DDR4 @ 3200MHz |
| Storage | Up to 4TB M.2 NVMe |
| Graphics | Intel Iris Xe Graphics |
| Operating System | Windows 11 - Home / Pro / Education No operating system - Optional |

## Physical

| | |
|---|---|
| In the box | Aspect Nano system VESA mounting plate Power supply |
| Security | 1 x Kensington lock |
| Dimensions | 120 x 120 x 37 mm |
| Weight | 1.3Kg |

## Warranty

| | |
|---|---|
| Standard | 1 year collect and return |
| Optional Upgrades | Up to 5 years total cover Extended Service Plan |

## Optional Extras

| | |
|---|---|
| Upgrades | Height adjustable VESA stand with Mini PC mount |

## Connectivity

| | |
|---|---|
| Networking | 1Gbps LAN Wi-Fi 6 (802.11ax) Bluetooth 5 |
| Left IO | 1 x USB 3.2 Gen 1 (Type-C) (DP alt mode & 65W PD) 2 x USB 3.2 Gen 1 (Type-A) 1 x Audio in/out (3.5mm combo jack) 1 x Clear CMOS button |
| Right IO | 1 x USB 3.2 Gen 1 (Type-C) (DP alt mode & 65W PD) 2 x USB 2.0 (Type-A) 1 x 1Gb LAN (RJ45) 2 x HDMI 2.0 |

## System

| | |
|---|---|
| Power Supply | External 90W brick (19V 4.74A, 5.5mm x 2.5mm) |
| Audio | Realtek HD Audio |
| TPM | Intel PTT (Firmware) |

## Power Use

| | |
|---|---|
| Off | 1.06w |
| Sleep | 1.20w |
| Idle | 10.45w |
| Full Load | 48.34w |
| Typical Useage | 31.00w |

Please note that the system images are examples and may differ based on chosen specifications. Some products shown in system images may be subject to availability. Please contact our team if you have any questions regarding configuration.

# Supported Resolutions

**Supported Resolutions**

| Video Format | | | Output | | | |
|---|---|---|---|---|---|---|
| | Resolution | Refresh rate (Hz) | HDMI 1 | HDMI 2 | USB-C (Front) | USB-C (Rear) |
| 1080p | 1920×1080 | 30 | Yes | Yes | Yes | Yes |
| | | 60 | Yes | Yes | Yes | Yes |
| 1440p | 2560×1440 | 30 | Yes | Yes | Yes | Yes |
| | | 60 | Yes | Yes | Yes | Yes |
| 4K | 3840×2160 | 30 | Yes | Yes | Yes | Yes |
| | | 60 | Yes | Yes | Yes | Yes |
| 5K | 5120×2880 | 30 | No | No | No | No |
| | | 60 | No | No | No | No |