

# 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



### 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

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## 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

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## 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

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## Factory 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



### Deliver to Desk

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



### 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 carefully 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

6 **VeryPC** - Aspect Nano Product Overview

# Power & Performance Comparison



## Aspect Nano

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



## Modern PC\*

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

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

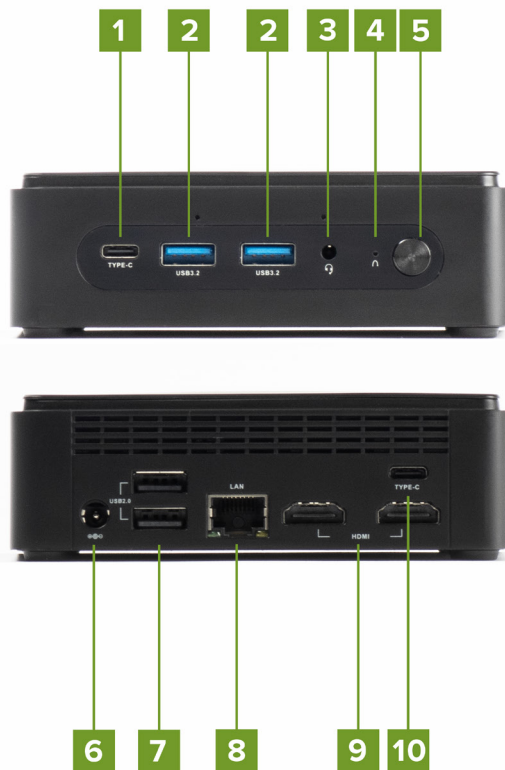
30%

reduction in energy bills  
compared to a modern PC

*\*Modern PC based on Flex Mini*

# Ports

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- |                                    |   |
|------------------------------------|---|
| 1. USB 3.2 Gen 1 (Type-C)          | 6. Power Port                                     |
| 2. USB 3.2 Gen 1 (Type-A)          | 7. USB 2.0 (Type-A)                               |
| 3. Audio in/out (3.5mm combo jack) | 8. 1Gb LAN (RJ45)                                 |
| 4. Clear CMOS Button               | 9. HDMI 2.0                                       |
| 5. Power Button                    | 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
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## 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

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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

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