



ExpertCenter P500 SFF

P500SV
MP Sales Kit

July 2025

Born for SMB

Introducing New P series



Positioning

ExpertCenter
P series = A Perfect Fit
for SMB

Target Audience

SMB Customers

- Under 200 employees
- Limited IT resources
- Limited budget
- Tend to purchase from retail market
- Basic needs for customization

Why ASUS P500

SMB Profile

- Under 200 employees
- Tend to purchase from retail market
- Basic needs for customization
- Purchase price sensitive

SMB Pain Point

- Limited budget
- Limited IT resources (or no IT department)
- Difficulties in AI transformation

What P500 offers

- Performance that meet SMB needs
- Best Cost-performance ratio among same price-band*
- AI-powered productivity: Exclusive ASUS AI ExpertMeet
- Business-grade security: ASUS ExpertGuardian

What's more

- Extreme thermal solutions for higher, stable performance up to 45W
- Energy-efficient productivity with no compromise on performance
- Quiet operation for peace of mind
- Worry-free aftersales experience: ASUS Business Support*

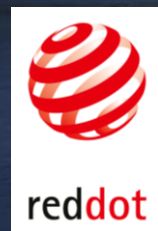
Honoring Excellence with Award-Winning Design

ASUS ExpertCenter Series

ASUS ExpertCenter series stands out with its exceptional design and innovation, earning prestigious international awards such as the Golden Pin Design Award, iF Design Award, and Red Dot Design Award. These accolades not only highlight ASUS's leadership in design and functionality but also demonstrate its commitment to delivering high performance, reliability, and eco-friendly designs. Whether for business or personal use, ASUS ExpertCenter series offers an outstanding user experience and value.



iF Design
Award



Red dot
Award



Golden Pin
Design Award





ASUS ExpertCenter P500 SFF

Superior Performance with Highest Efficiency

Up to Intel Core i7 Processor. **28%** faster performance compared to others in the same range

Lower noise level at about **21.1~30.8 dB**

Lower operating cost with up to **37%** lower power usage

AI-Powered productivity

Up to **NVIDIA® RTX™ A400 graphics** with AI-accelerated performance for demanding visual tasks
ASUS Expert series exclusive **ASUS AI ExpertMeet for meeting**

Dependable Durability & Security

ASUS ExpertGuardian business-grade security.

Free 1-year McAfee+ Premium membership

Flexibility Scalability

Tool-less design with 3.5" hard drive, PCIe slot, and M.2 2280 slot for maximum flexibility and expandability

Ultracompact powerhouse



Up to NVIDIA® RTX™ A400 Comprehensive graphics I/O ports



Up to 64GB Dual channel DDR5 5600MHz



HDD and SSD Dual storages



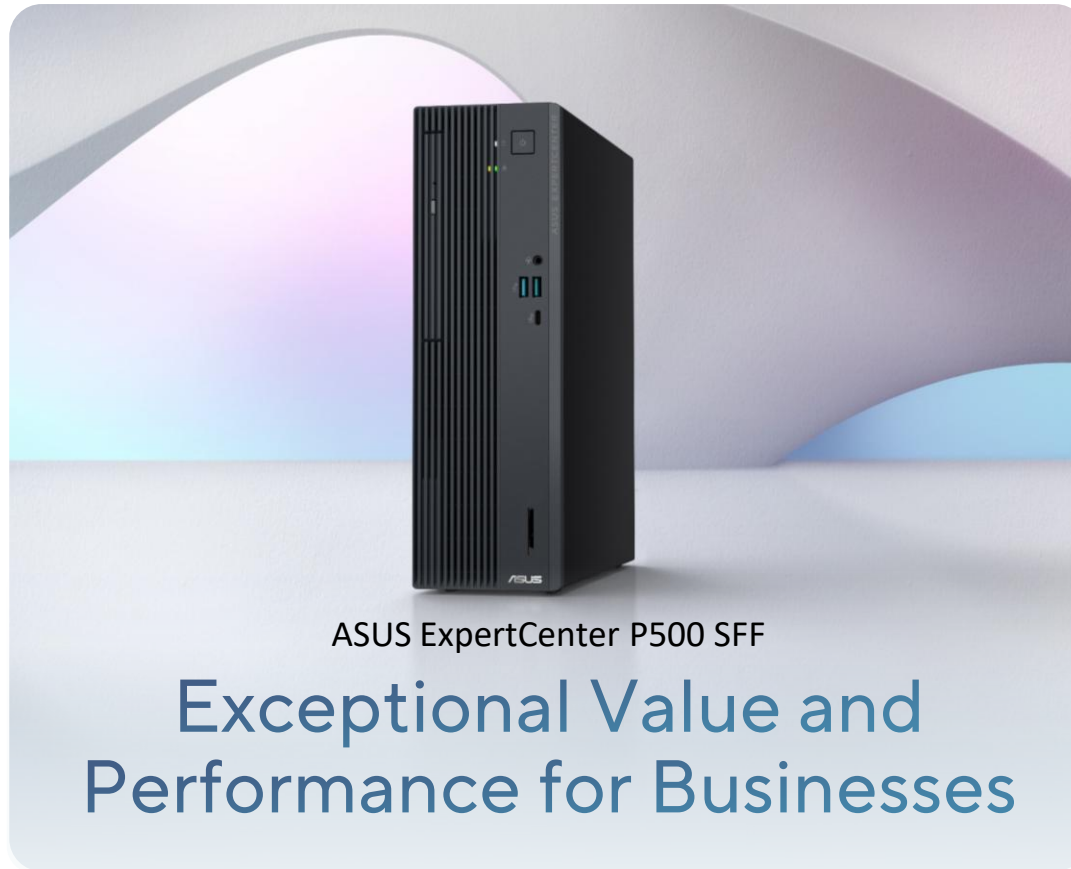
MIL-STD 810H

Tests for durability



Up to Intel® Core™ i7 processor

Windows 11



ASUS ExpertCenter P500 SFF

Exceptional Value and Performance for Businesses

Whisper-quiet operation



Intel® Core™ i7 processor operates at just **30.8 dB** in Performance fan mode

AI for Business



Copilot



Translation



Meeting summary



Transcript



AI audio optimizer



Tool-free design



ISV certified

* Specification is optional or only available with select models



Sustainable design



100% Solid capacitors



World's No. 1 motherboard

Enterprise-grade Security



BIOS/HDD password



Kensington® slot/padlock



TPM 2.0 Chip

Feature Overview

ExpertCenter P500 SFF

Design / User Experience	Security	Performance
<ul style="list-style-type: none">• Swappable front bezel• System status/LAN indicator• SD card reader 2.0 (optional)• Revamped tool-free design	<ul style="list-style-type: none">• Kensington lock slot• Self-healing BIOS• NIST SP 800-155 Compliant• Microsoft Secured-Core PC* (Level 2)• Discrete TPM 2.0 chip• ASUS ExpertGuardian suite	<ul style="list-style-type: none">• Up to Intel® Core™ i7 processor• Up to NVIDIA® RTX™ A400• Up to 64G DDR5 5600MHz memory• Up to 2TB HDD• Dual M.2 SSD slot, up to two 2TB GEN4 SSD
Durability	Manageability	Sustainability
<ul style="list-style-type: none">• Optimized thermal design• No.1 motherboard• 100% solid capacitor• Military grade Mil-STD 810H (Test passed TBC)• ASUS Superior Durability Test• Reinforced structural construction	<ul style="list-style-type: none">• ASUS Control Center• ASUS UEFI BIOS (Commercial grade BIOS)• MyASUS• McAfee+ Premium 1-year membership• Adobe 1 month deal	<ul style="list-style-type: none">• EPEAT Silver• Energy Star 9.0• 90% recyclable packaging• Smart fan (PSU)• ROHS

Product Specifications

ExpertCenter P500 SFF (P500SV)

Chassis size	8.6L
Operation System	Without OS Pure OS Windows 11 Pro - ASUS recommends Windows 11 Pro for business Windows 11 Home - ASUS recommends Windows 11 Pro for business
Processors	Intel® Core™ i7-13620H Processor 2.4 GHz (24MB Cache, up to 4.9 GHz, 10 cores, 16 Threads) Intel® Core™ i5-13420H Processor 2.1 GHz (12MB Cache, up to 4.6 GHz, 8 cores, 12 Threads) Intel® Core™ i3-1315U Processor 1.2 GHz (10MB Cache, up to 4.5 GHz, 6 cores, 8 Threads)
Discrete Graphic*	NVIDIA® RTX A400 4GB GDDR6: 4x mini-DP
Integrated GPU	Intel® UHD Graphics
Memory	2 x SO-DIMM Slot, Dual Channel DDR5 5600 MHz up to 64GB (system memory speed run at 4800-5200MHz)
Expansion Slot	1 x PCI Express 4.0 x16 (on i5 and i7 configurations, electric 8x data connection) / 1 x M.2 (support wifi) PCIe & CNVi colay
Storage	1 x 3.5" HDD up to 2TB 7200rpm (support HDD tool-free design) 2 x M.2 SSD, up to 2TB PCIe® 4.0 SSD
Wireless	Without Wi-Fi Card (optional) Wi-Fi6 CARD_2x2 AX (CNVi/PCIE) 802.11 AX WLAN + BT5.0(M.2), 2 x 2 Antenna w/Internal (optional) Wi-Fi6 CARD_1X1 AX (CNVi/PCIE) 802.11 AX WLAN + BT5.0(M.2), 1 x 1 Antenna w/Internal (optional)
Front I/O	2 x Type A USB 3.2 Gen 1; 1 x Type C USB 3.2 Gen 1; 1 x combo audio jack (Black); 1 x SD card 2.0 (optional)
Rear I/O	1 x HDMI port 1.4 4K@30Hz for UMA; 1 x DP 1.4 HBR2 2 x USB 2.0 Type-A (Black) under RJ45, support USB K/B power on function 2 x USB 2.0 Type-A (Black); 1 x 1G LAN (RJ-45) port with LED indicator 3 x Audio jacks support 7.1 channel audio output (line in; line out; Microphone)
PSU	180W power supply (TFX Single Output) (80+ Bronze) 330W power supply (TFX Single Output) (80+ Platinum)
Accessories (optional)	SD card reader 2.0 3.5 HDD ASSEMBLY KIT 2280 SSD ASSEMBLY KIT
Dimensions	296(D)x 93(W)x 309(H)mm
Weight	Starting from 5kg (weight varies by configuration)

Primed for Any Task

Up to 13th Gen

Intel® Core™ i7

processor

Up to

NVIDIA® RTX™ A400

discrete graphics

Up to

2 TB

HDD storage

Up to

2 TB

SSD storage

Up to

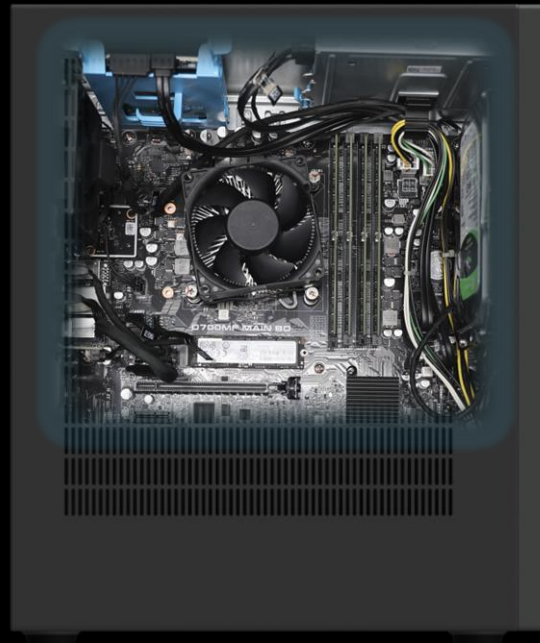
64 GB

DDR5 at 5600MHz



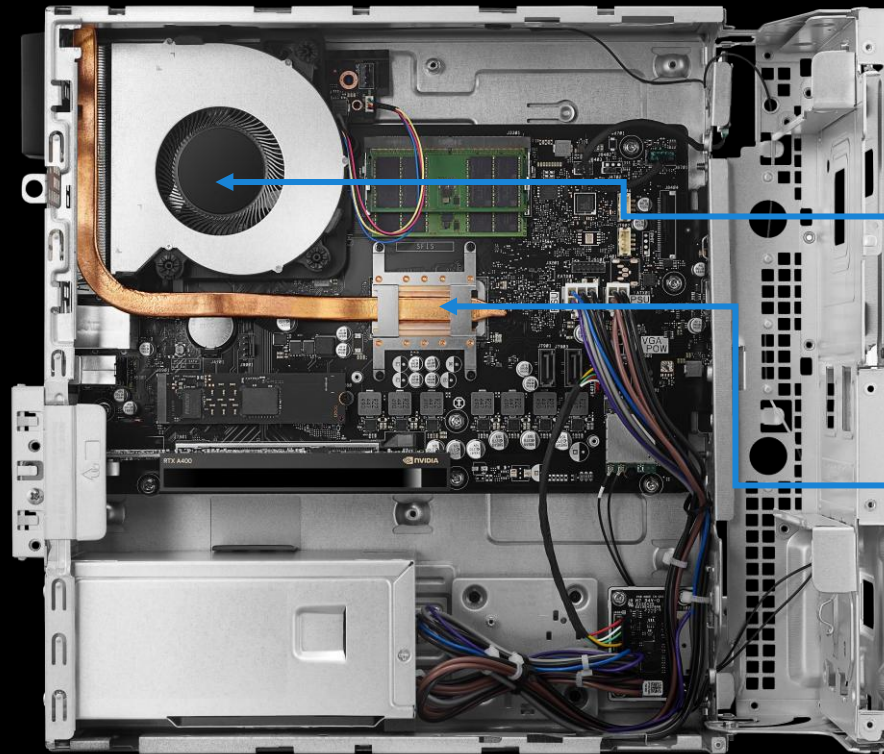
Efficient Heat Expulsion by Advanced Design

Traditional DT thermal



Heat lingered in the chassis,
delaying the dissipation time

P500SV thermal
Innovative compact air cooler



1

Fan attached to the back of chassis

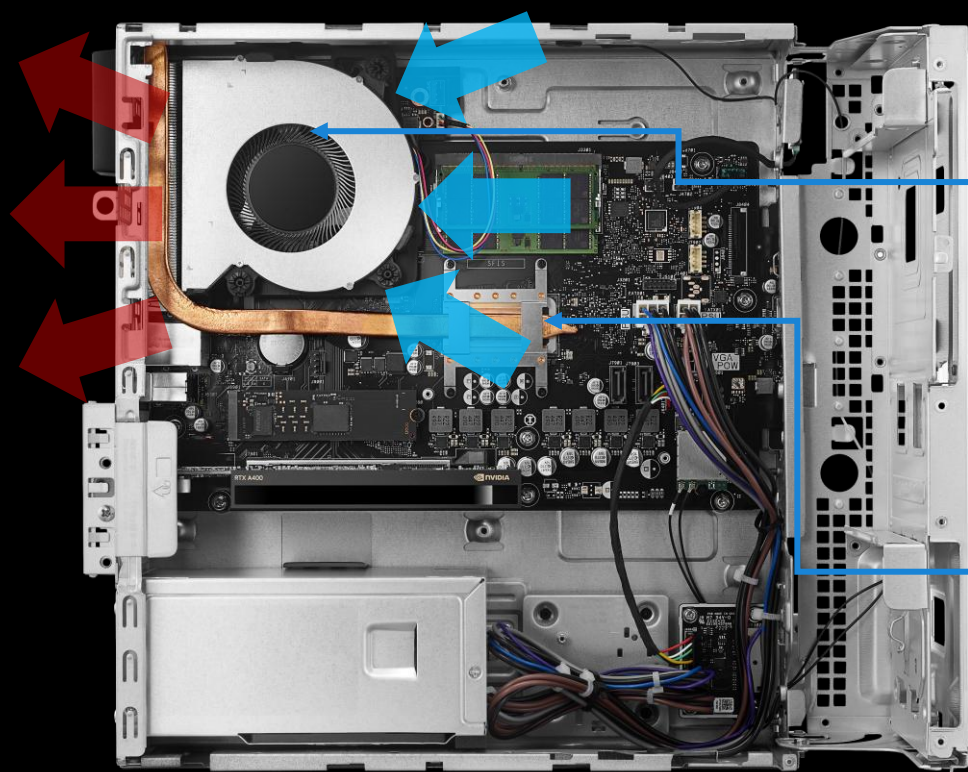
2

Cooper pipes to guide heat

Combination of strategic airflow and
advanced heat pipe technology ensures
optimal temperatures

Efficient Heat Expulsion by Advanced Design

P500SV thermal
Innovative compact air cooler

**1**

Fan attached to the rear of the chassis

- **Efficient heat expulsion:** Placing the fan at the back ensures that hot air is expelled directly out of the chassis, preventing it from circulating inside and raising internal temperatures.
- **Optimized airflow path:** This positioning helps create a more efficient airflow path, drawing cool air in from the front and sides while expelling heat through the back.

2

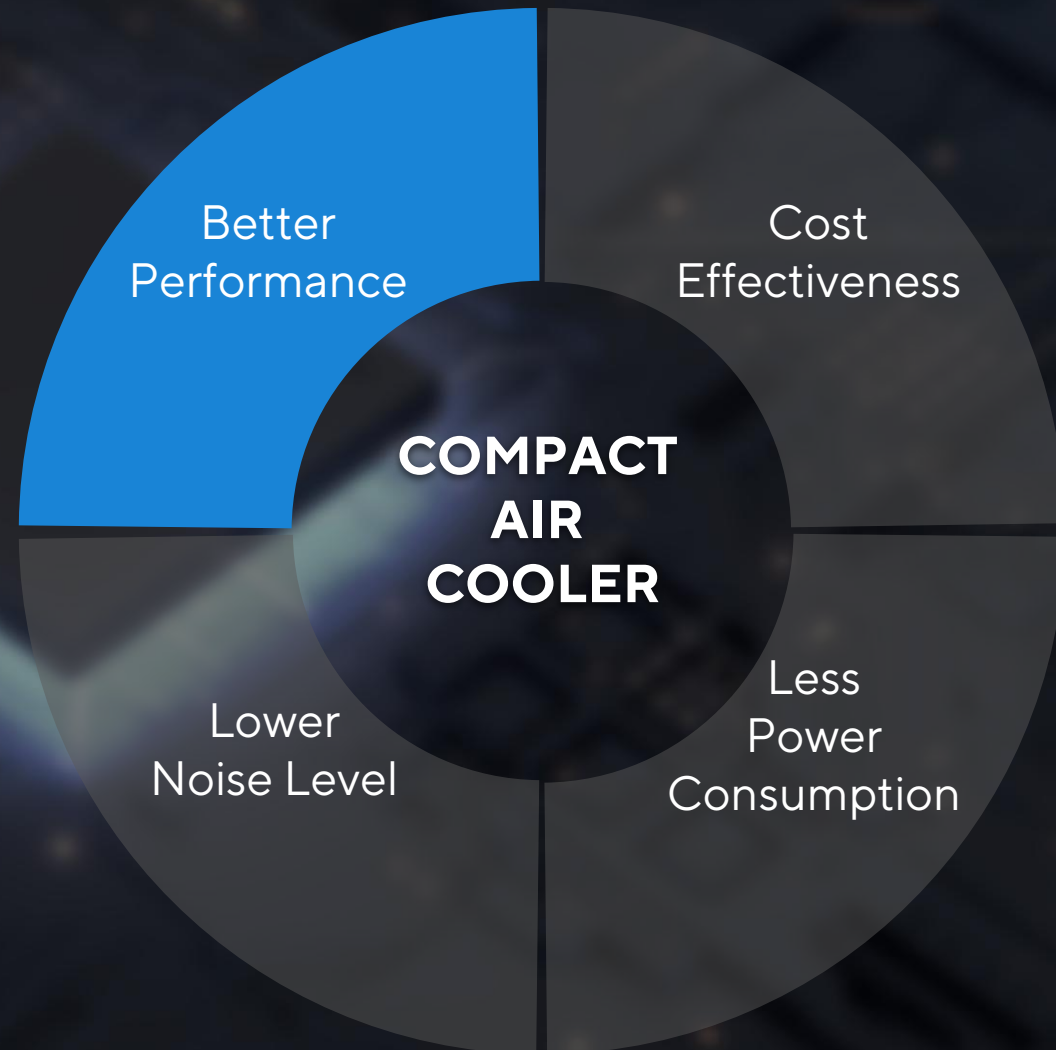
Copper pipes to guide heat

- **Superior thermal conductivity:** Copper has excellent thermal conductivity, which means it can transfer heat away from critical components quickly and efficiently.
- **Targeted heat dissipation:** Copper pipes can be strategically placed to guide heat from hotspots to areas where it can be more effectively dissipated, such as towards the cooling fan.



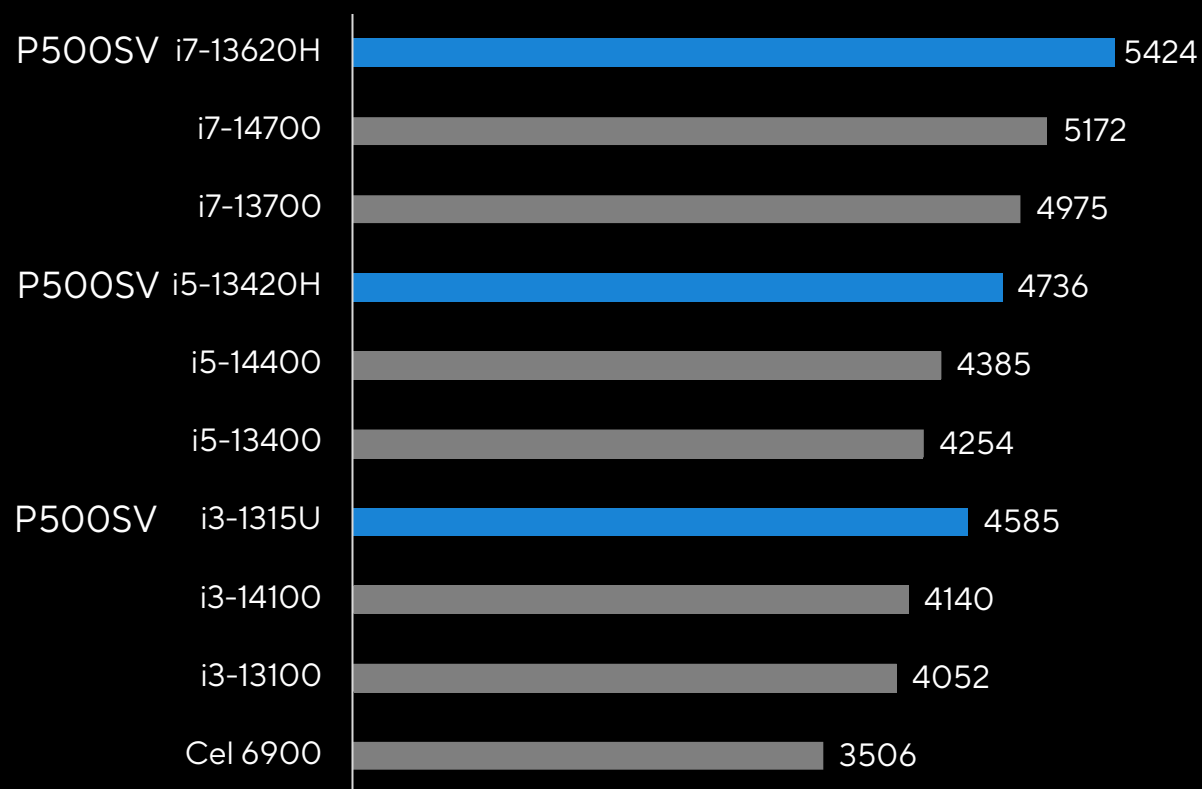
Competitive Advantages

Competitive Advantages Overview

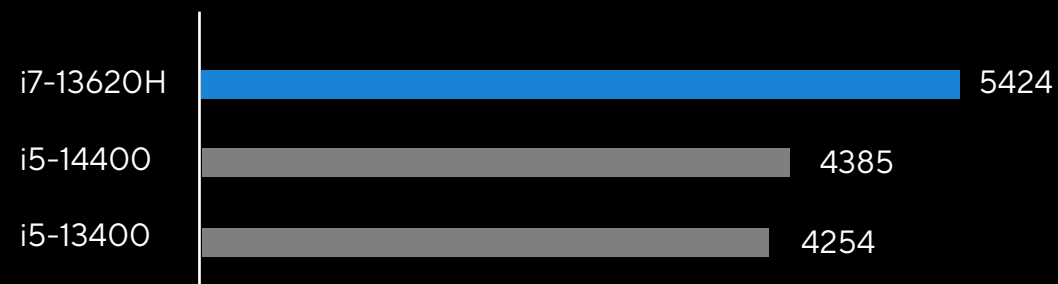


PC Mark: 28% faster performance

PC Mark

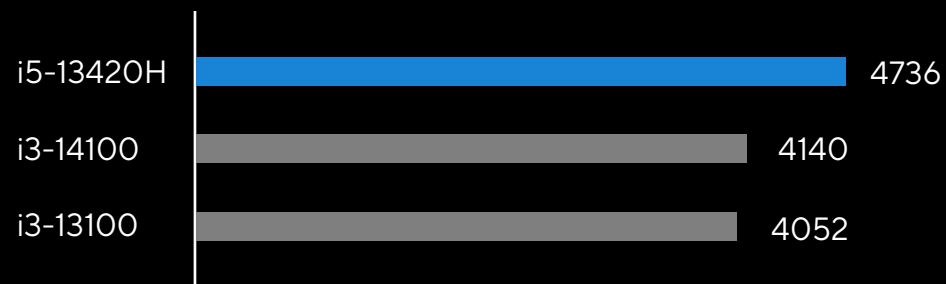


P500SV i7 vs Desktop CPU i5



28% faster in the similar price range CPU

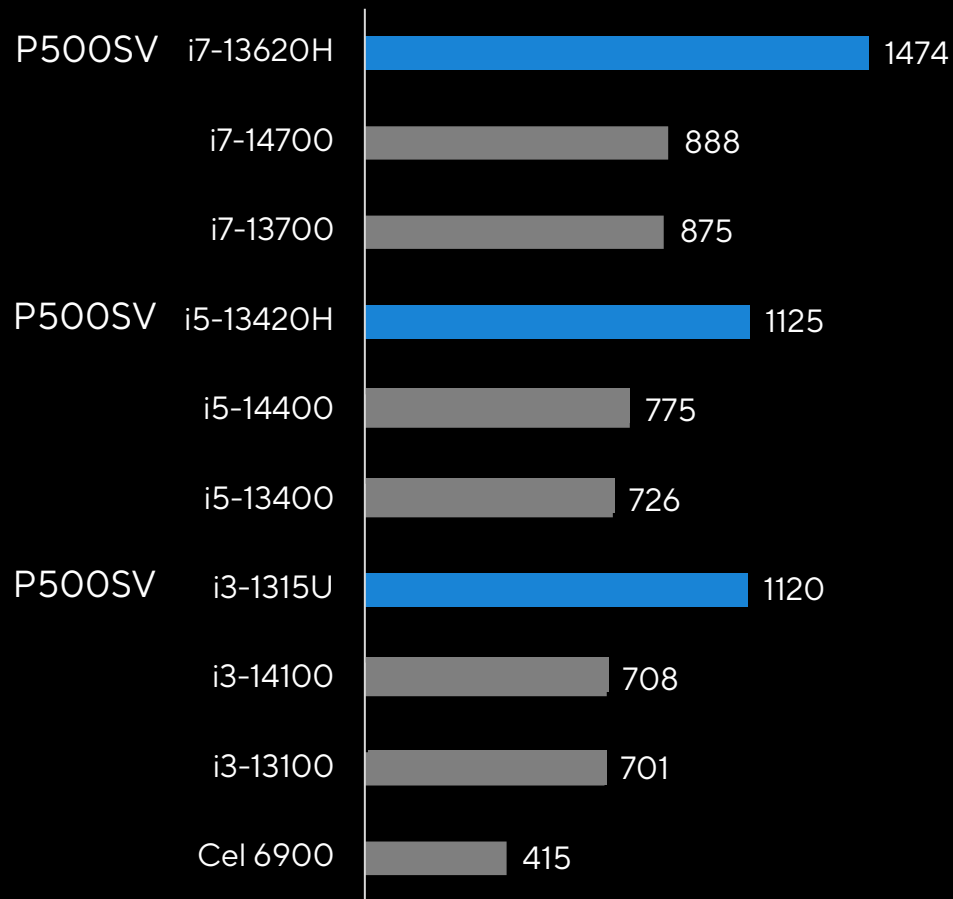
P500SV i5 vs Desktop CPU i3



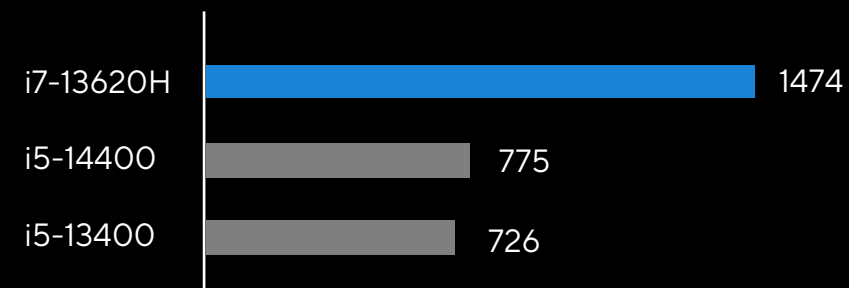
17% faster in the similar price range CPU

3D Mark: 103% faster performance

3D Mark

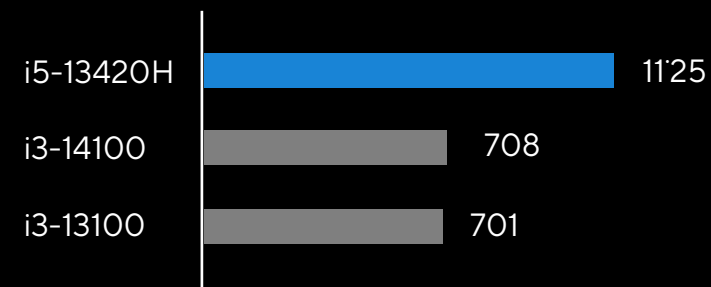


P500SV i7 vs Desktop CPU i5



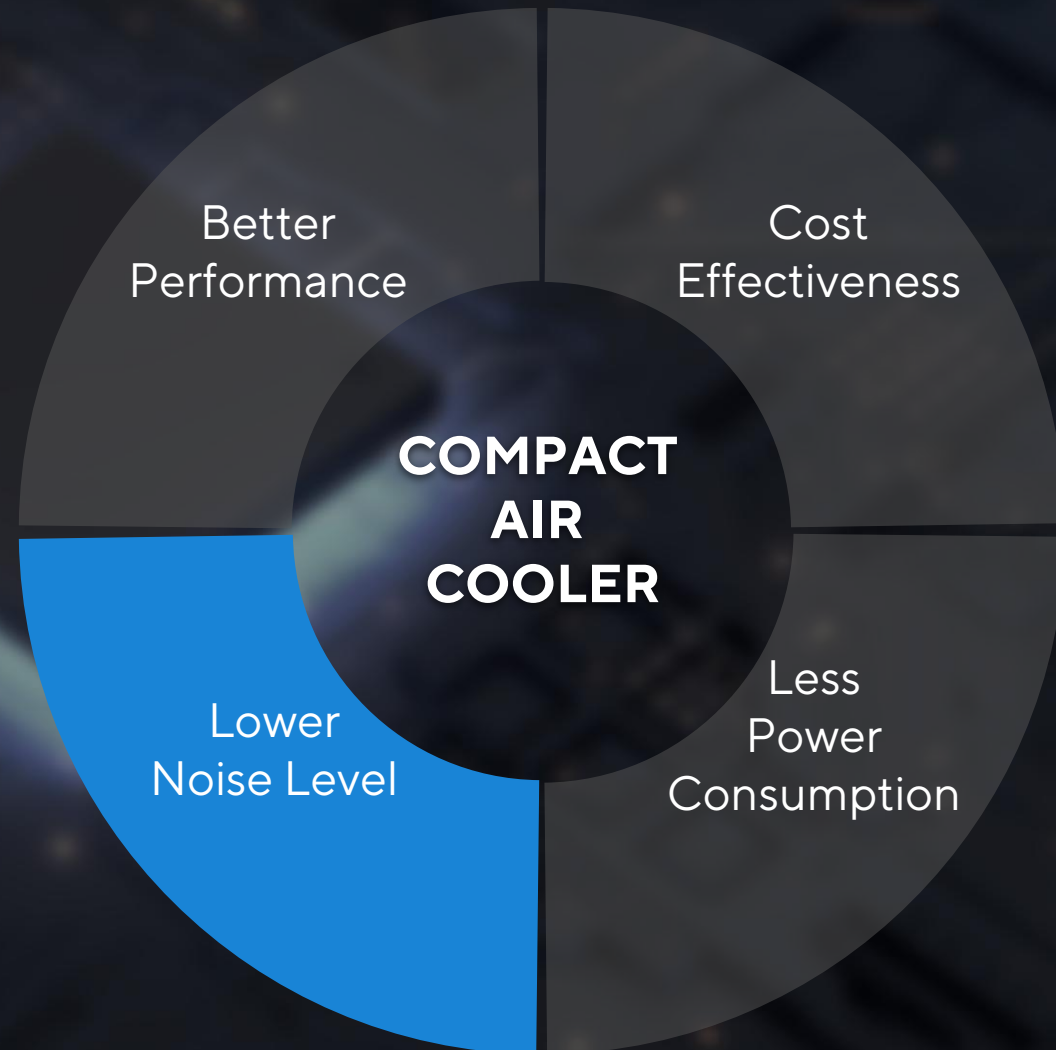
103% faster in the similar price range CPU

P500SV i5 vs Desktop CPU i3



60% faster in the similar price range CPU

Competitive Advantages Overview



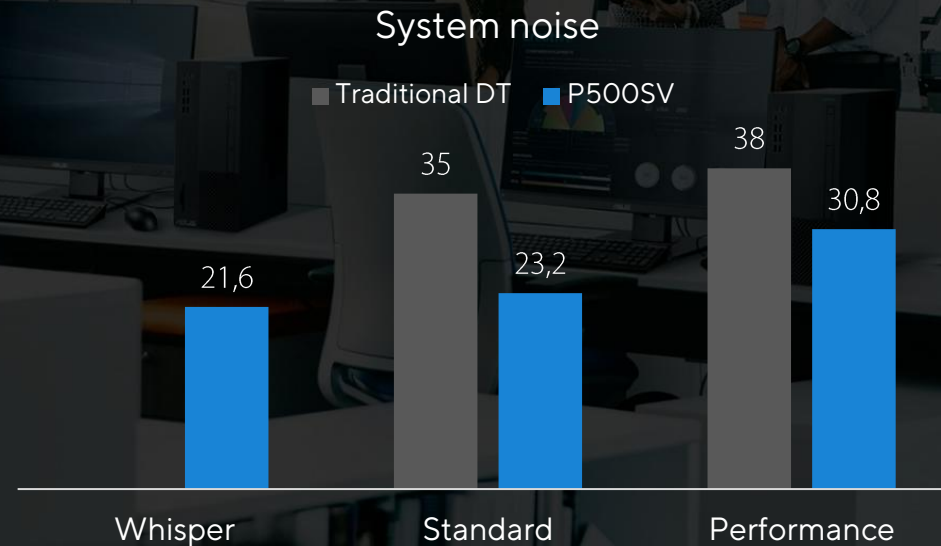
Engineered to be quiet

Maintains controlled noise levels even in Performance mode, with reduced idle noise.

Whisper mode
21.6 dB

Standard mode
23.2 dB

Performance mode
30.8 dB



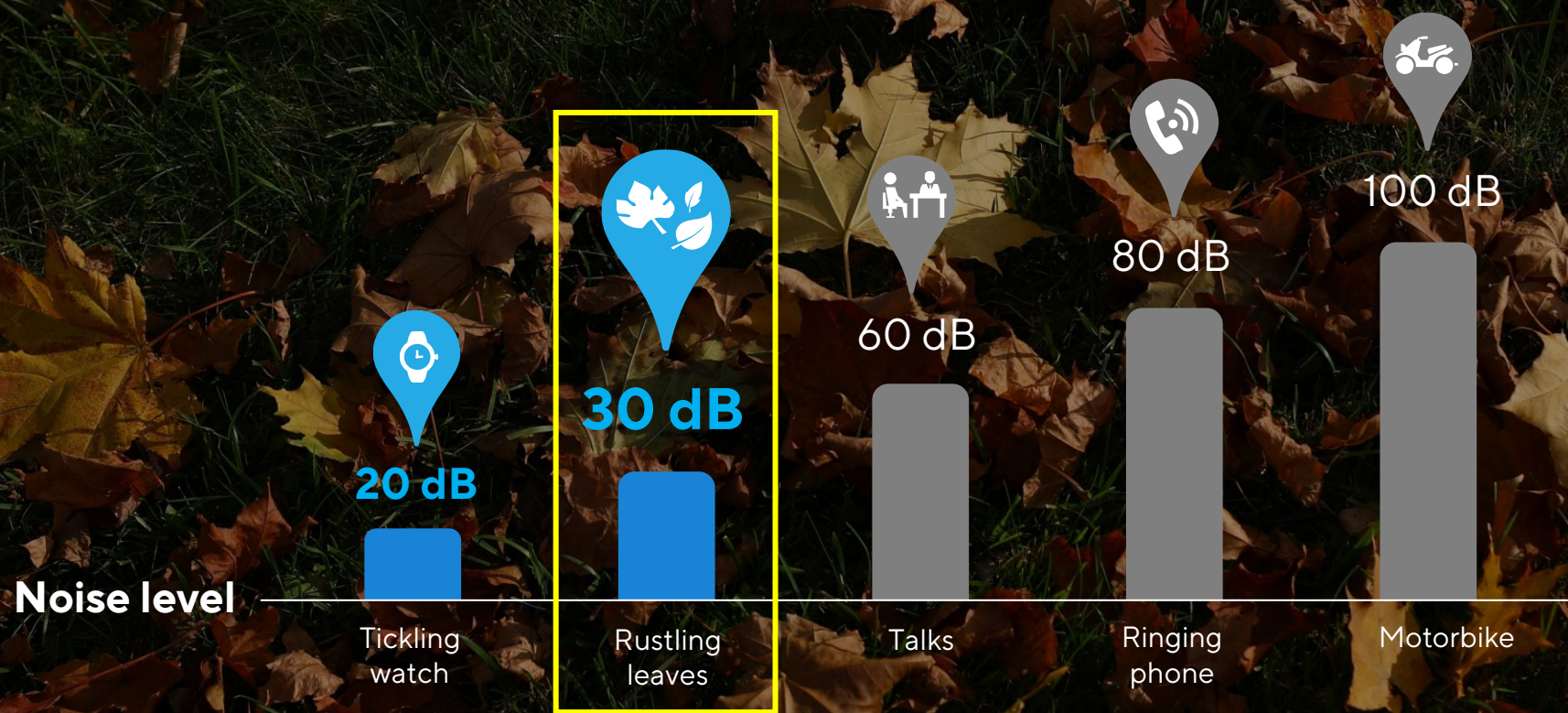
*Whisper mode is not available on traditional DT

*ExpertCenter P500SV testing configuration: i7-13620H, memory 16 GB, storage 1 TB, without discrete graphics and HDD

*Traditional DT testing configuration: Intel® Core™ Ultra 7 Processor 265, memory 16 GB, storage 1 TB, without discrete graphics and HDD

Quiet as rustling leaves at performance mode

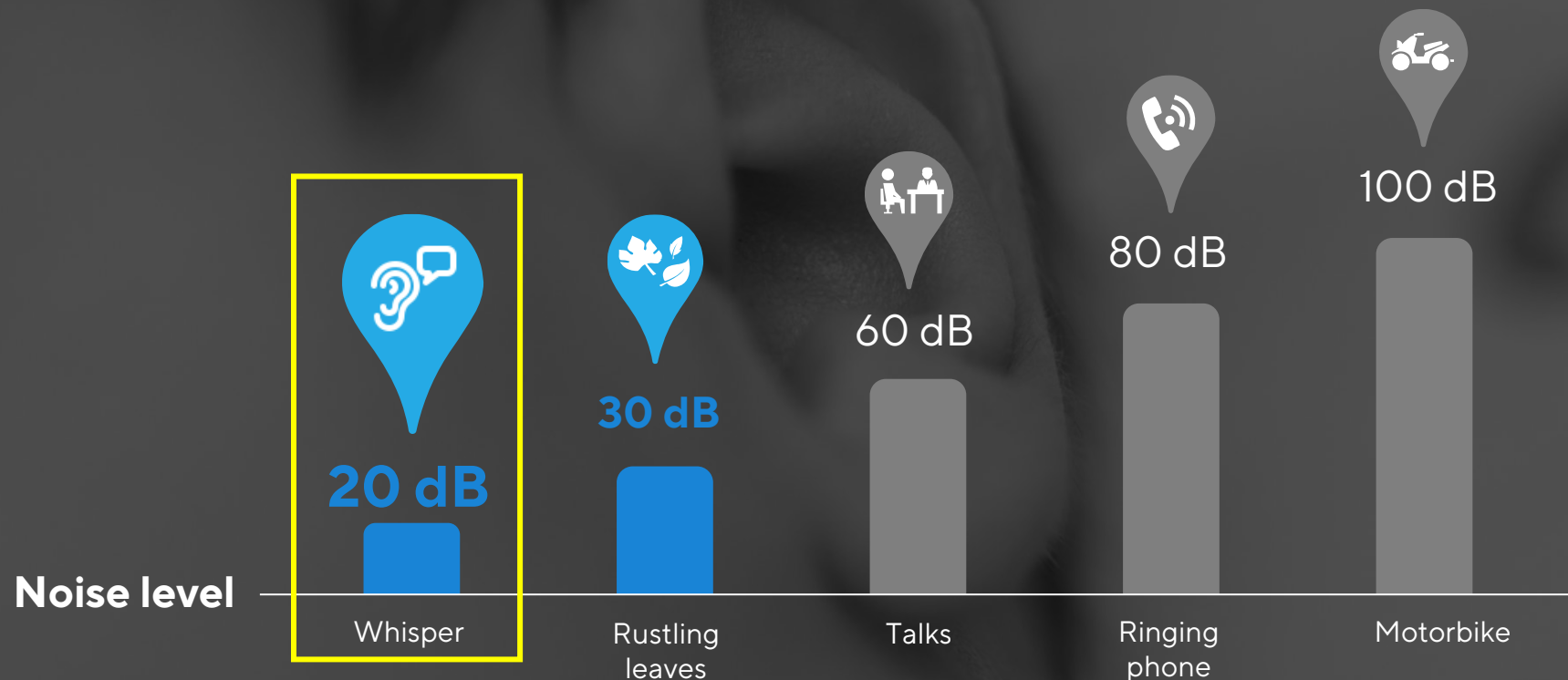
	Performance mode	Standard mode	Whisper mode
i7-13620H	30.8 dB	23.2 dB	21.6 dB
i5-13420H	30.4 dB	22.2 dB	21.2 dB



*ExpertCenter P500SV testing configuration: i7-13620H, memory 16 GB, storage 1 TB & i5-13420H, memory 16 GB, storage 1 TB, without discrete graphics and HDD

Quiet as whisper anytime

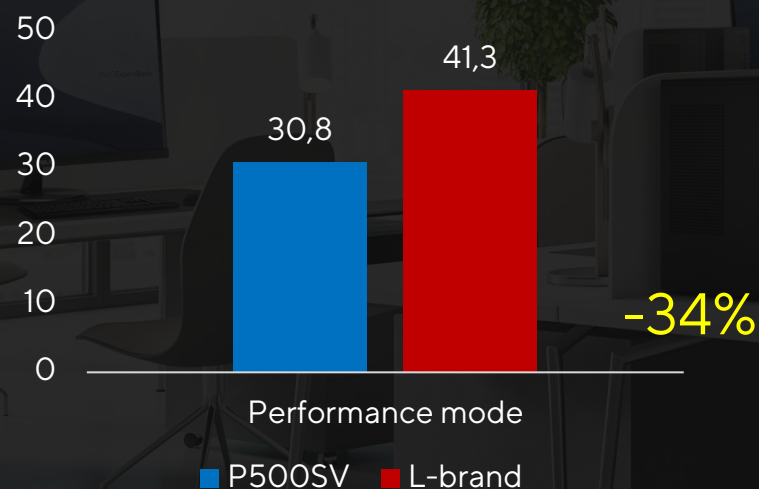
	Performance mode	Standard mode	Whisper mode
i7-13620H	30.8 dB	23.2 dB	21.6 dB
i5-13420H	30.4 dB	22.2 dB	21.2 dB
i3-1315U	21.8 dB	21.7 dB	21.1 dB



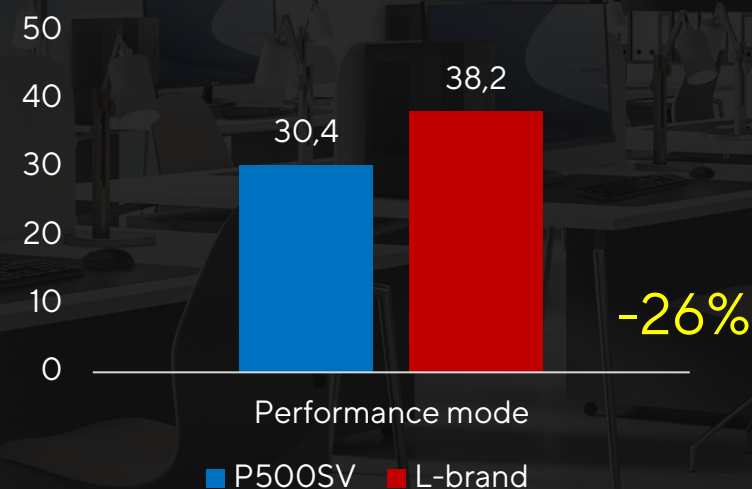
Powerful computing, whisper quiet

ExpertCenter P500SV delivers exceptional CPU performance while maintaining effective noise control, ensuring a quiet working environment. You can enjoy high-performance computing without noise.

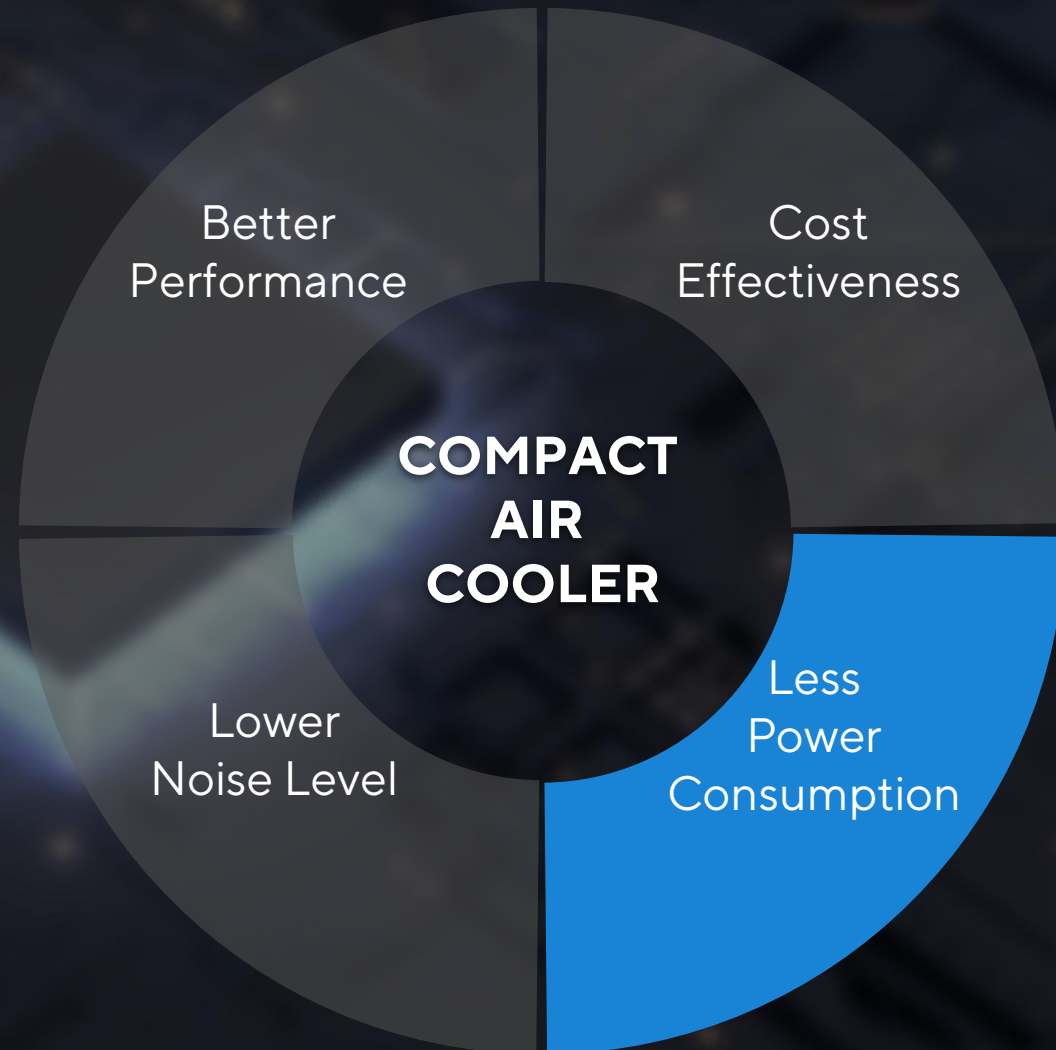
Prime95
i7-13620H



Prime95
i5-13420H



Competitive Advantages Overview

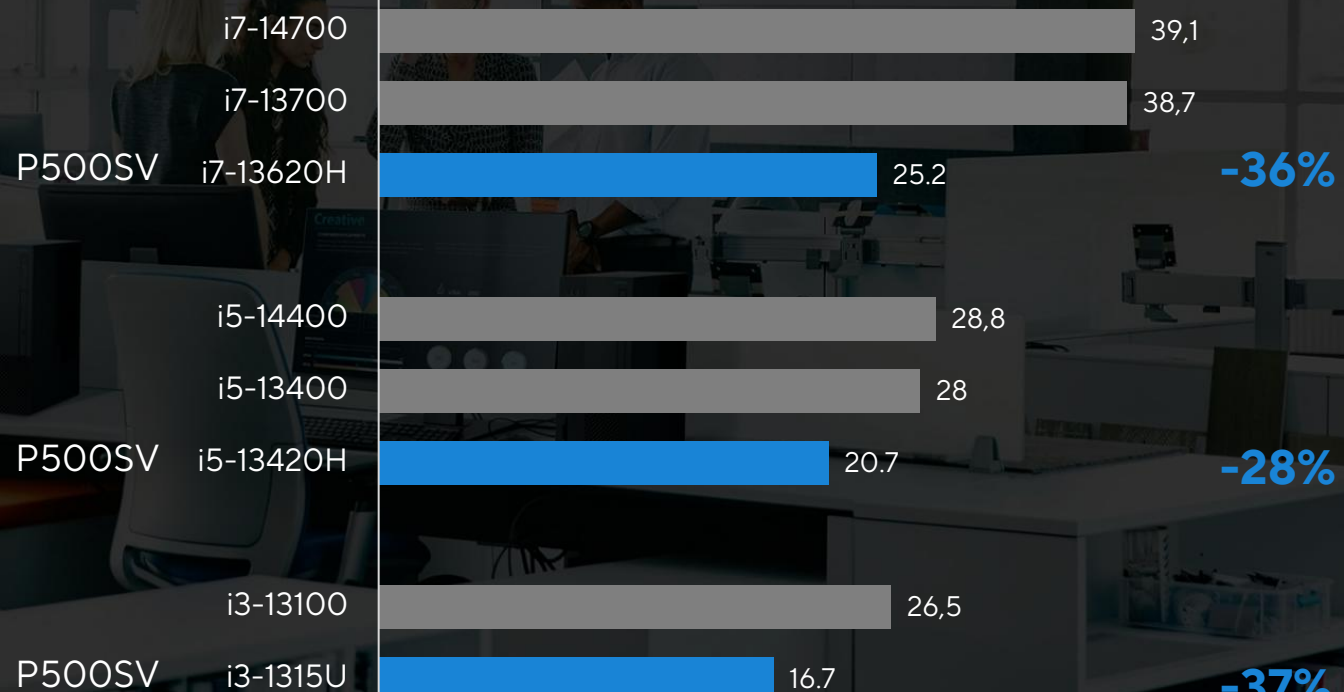


Less power consumption means lower operating costs

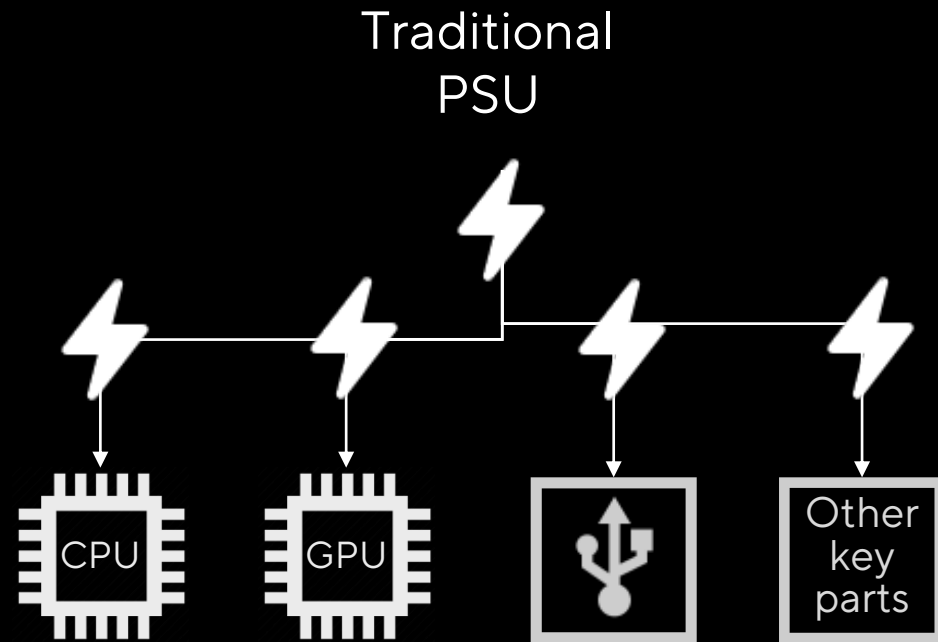
Up to 37%

Lower power draw, compared to both Intel 14th and 13th Gen desktop processors

Power Consumption PC Mark 10 Extended
Watts per hour (lower is better)

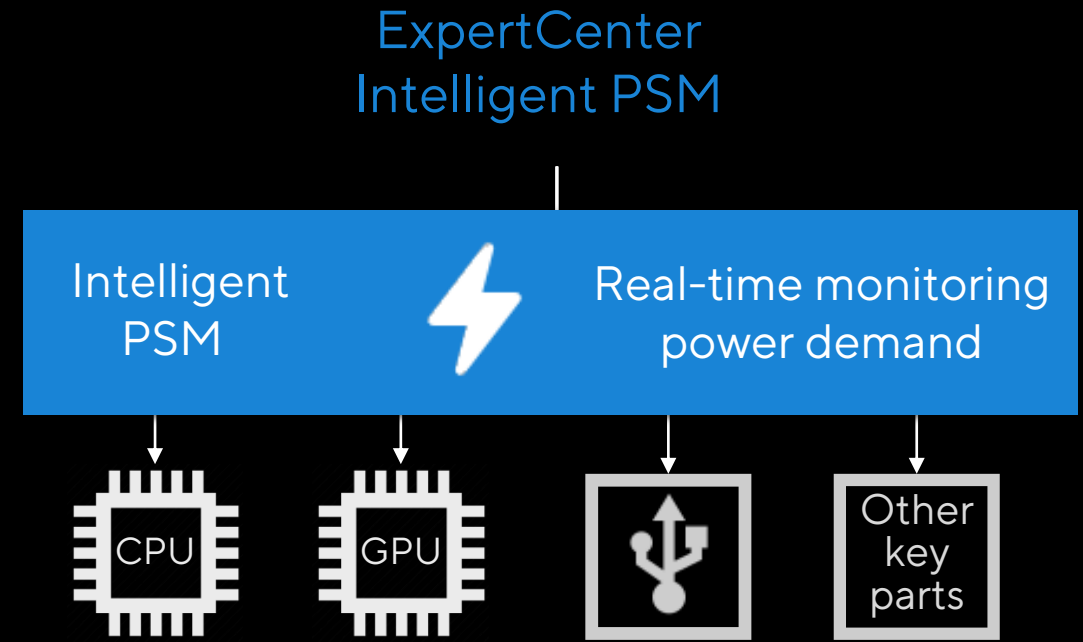


Real-time Power, Maximized Performance



Traditional PSU needs to take stricter precautions in power limits – to ensure the system stays within the maximum power for every key part **at any given time**.

Reducing the potential performance



Our brand new power supply solution, **ExpertCenter Intelligent PSM**, dynamically and efficiently allocate power to the entire system at the right time for the right needs.

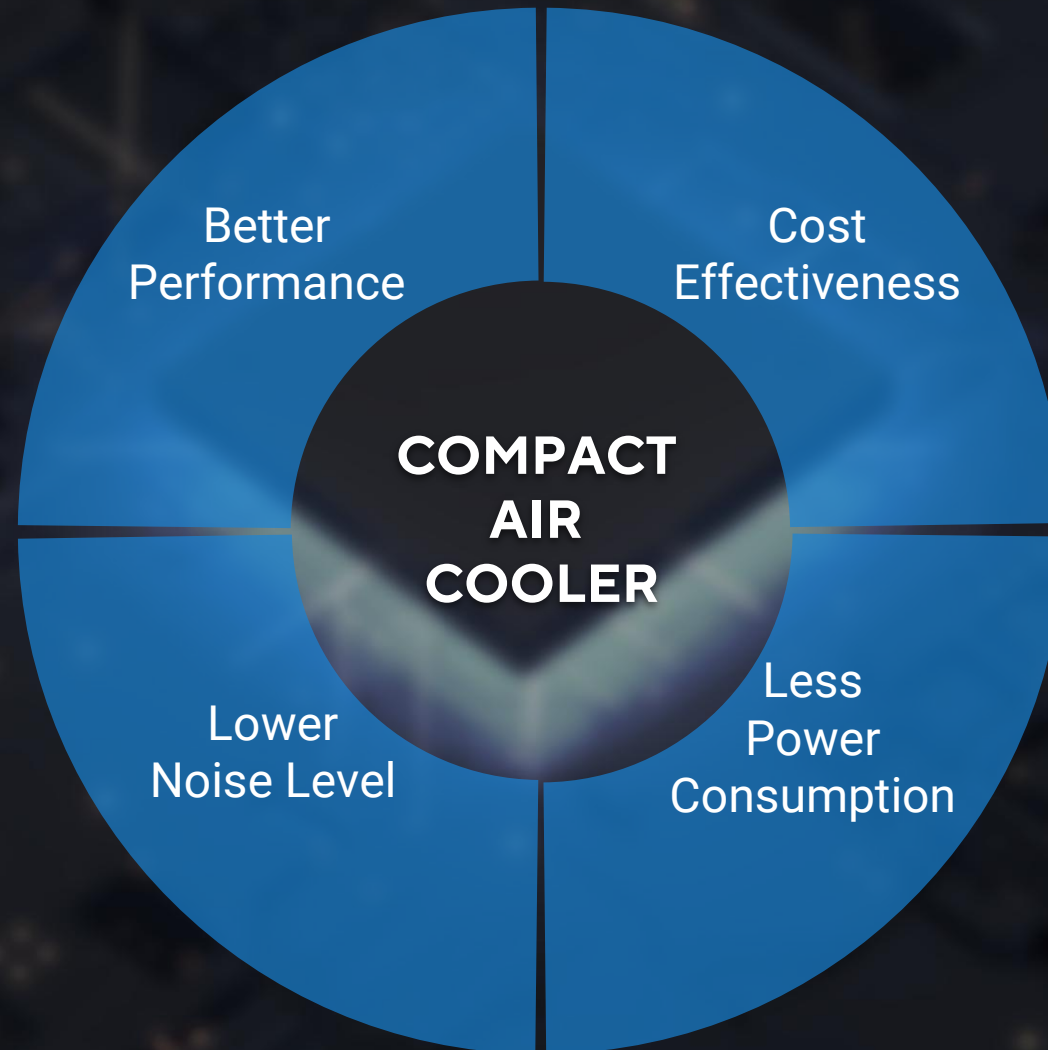
Unlocking more performance

Competitive Advantages Overview

28%+
productivity
performance

103%+
3D performance

21.1 dB
Whisper mode



TOP Offer
for best value

up to **37%**
lower power draw



Security and Management

AI-powered Productivity Revolution



AI ExpertMeet

Secure on-client AI processing

Available cross all Expert PCs

Full function. No hidden fees.



ASUS AI Audio

- **General mode:** AI De-reverberation / AI Noise Reduction Speaker / AI Acoustic Echo Cancellation
- **Single presenter mode:** Voiceprint Noise Reduction / AI Beamforming
- **Multiple presenter mode:** Dynamic Max Volume pickup / Far-Field pickup / AI Noise Reduction Microphone



AI Meeting Minutes

- Record the meeting in real time
- Transcripts with **unique speaker ID**
- Full transcript with translations
- AI summary to capture key points



AI Translation

- Seamless multi-language communication
- Translated captions
- Supports subtitle generation from speaker, microphone, or both audio sources



Business Watermark

- Help protect proprietary data
- Establish better relations
- Stand out with partners



AI Meeting Minutes

Capture everything said. Focus on what matters.

- Record the meeting in real time
- Transcripts with **unique speaker ID**
- Full transcript with translations
- AI summary to capture key points

The screenshot displays the AI ExpertMeet application interface. On the left, a sidebar contains navigation options: AI Transcript, AI Subtitles, Watermark, and Settings. The main area shows a list of recordings, with 'Weekly Meeting' (dated 2024/2/6, 10:30-60M) selected. The right panel shows the transcript for this meeting, featuring a waveform at the top and a list of speaker contributions. The transcript is organized into two tabs: 'Transcript' and 'Summary'. The 'Transcript' tab is active, showing the following text:

Johnson 00:00:01
Good morning, everyone. Let's get started with our weekly AI software development meeting. How's everyone doing today?

Speaker 02 00:00:05
Morning! Doing well, thanks. Excited to share our progress.

Speaker 03 00:00:10
Good morning! Same here, lots of updates to discuss.

Johnson 00:00:15
Great to hear. Let's begin with the updates on the current sprint. Alice, could you start with the latest on the model training improvements?

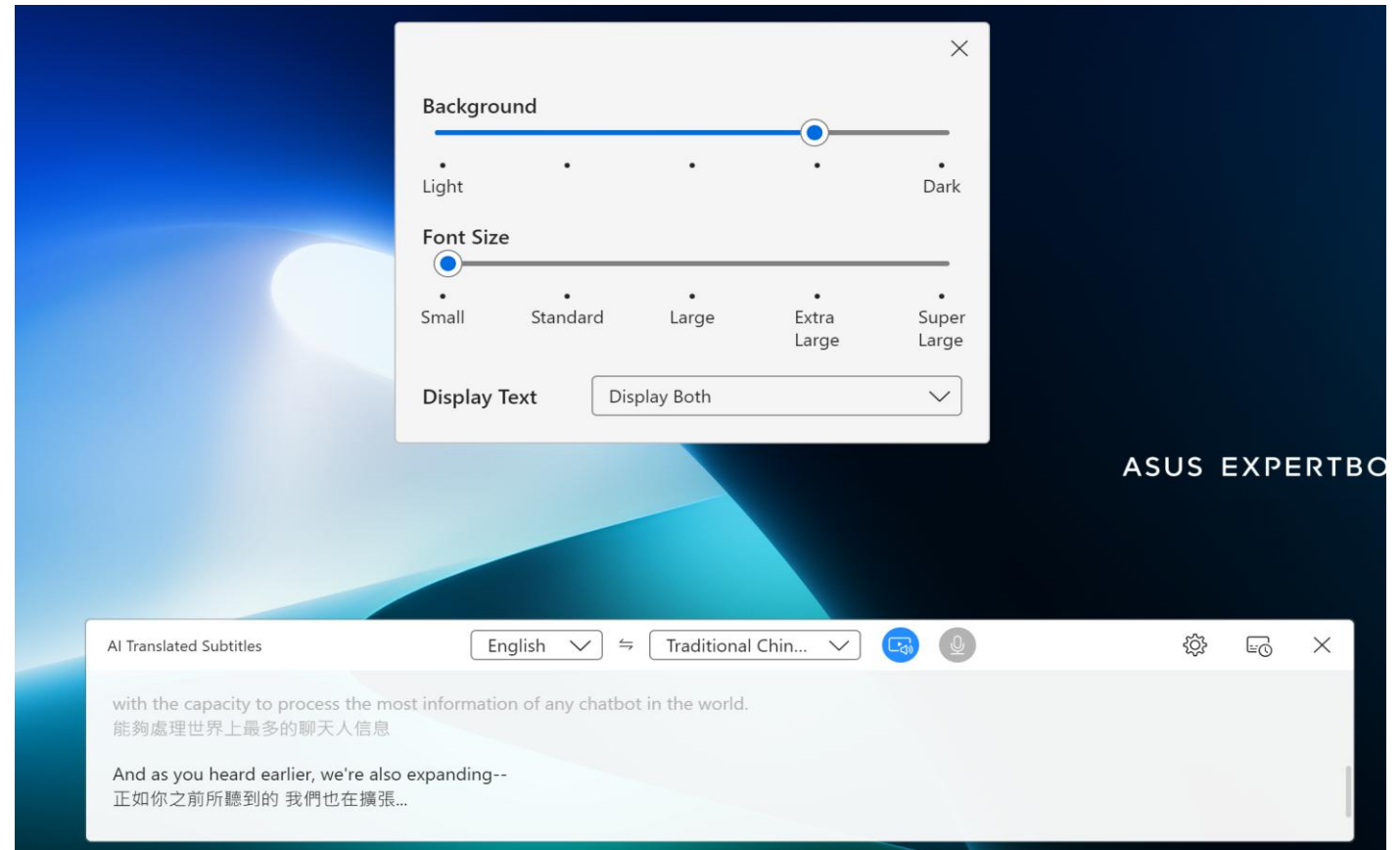
Speaker 02 00:00:25
Sure. Over the past week, we've been focusing on optimizing the training time for our new AI model. We've implemented mixed precision training which has reduced our training time by about 30%.



AI Translated Subtitles

Connect across languages Connect across the world

- Seamless multi-language communication
- Supports subtitle generation from microphone, speaker, or both audio sources

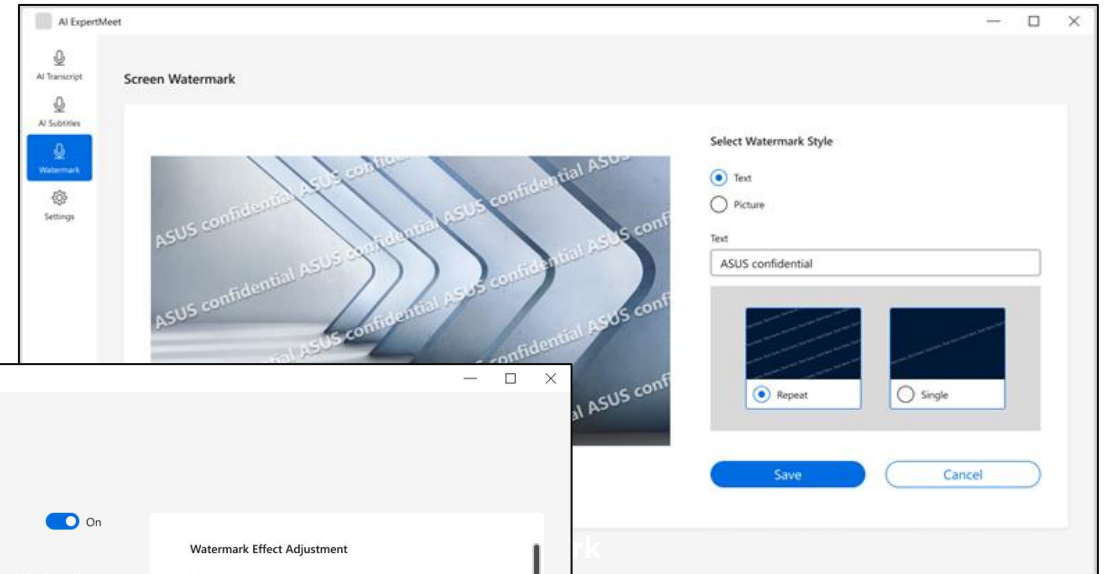




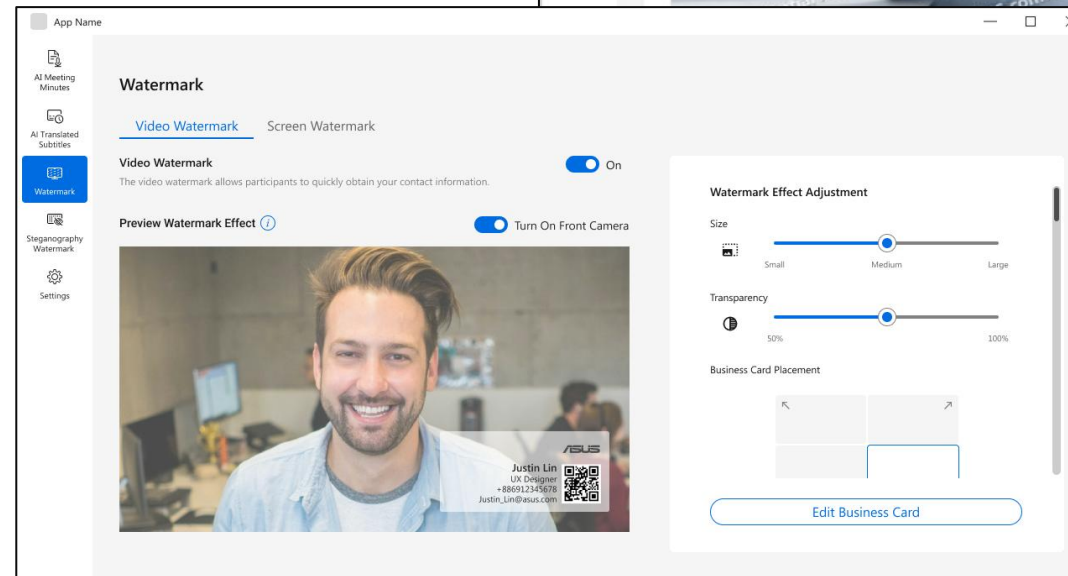
Business watermark

Worry-free sharing On screen

- Help protect proprietary data
- Establish better relations
- Stand out with partners



Screen Watermark



Webcam Watermark

Exclusive Protection Always On

ASUS ExpertGuardian

Business-Grade Security – Secured from hardware to software

Solution Security

- **IT Management**

Allows IT staff to remotely control and manage business assets, making sure all digital data is safe and sound

On-Device Security

- **OS/Software Features & Applications**

Prevents malicious attackers from accessing encryption keys or sensitive data with multifactor identity authentication

Hardware Access Protection

- **Firmware/BIOS features**

Protection prevents unauthorized manipulation of hardware resources



Information Security Process Cycle

Prevention is the first line of defense.

8-character passwords, tamper detection, and self-repair with IT alerts.

STRONGER BIOS PASSWORD

BIOS DOWNGRADE PROTECTION

PERIODIC FIRMWARE SECURITY UPDATE (5 Years)



Detection as the second line of defense:

Monitors threats, unauthorized changes, and malware.

**FIRMWARE TAMPER
DETECTION & RECORDS**

Response as the third line of defense:

Acts immediately to mitigate threats and restore security.

AUTO BIOS RECOVERY



ASUS ExpertGuardian 1.0

	ASUS Enterprise (B) & SMB (P) Expertbook & Expert Centers	Lenovo ThinkPad & ThinkCentre	HP Elite Series & Pro Series	Dell Latitude / OptiPlex
Hardware Access Protection				
• NIST Guideline Compliant	✓	✓ (X/T/P-series)	✓ (Dragonfly, Elite, Pro-series)	✓ (7000/9000-series)
• BIOS Self-Recovery	✓	✓ (X/T/P-series)	✓ (Dragonfly, Elite, Pro-series)	✓ (7000/9000-series)
• Certificate-based BIOS & Enhanced Passwords	✓	✓ (X/T/P-series)	✓ (Dragonfly, Elite, Pro-series)	✓ (7000/9000-series)
• Rollback Prevention	✓	✓	✓	✓
• Tamper Detection	✓	✓	✓	✓
• USB Access Lock	✓	✓	✓	✓
• Security Updates (Up to 5 Years)	✓	Optional (3-5 Years)	1-3 Years	1-3 Years
On-Device Security				
• Windows 11 Security Level 2	✓	✓ (X/T/P-series)	✓ (Dragonfly, Elite, Pro-series)	✓ (7000/9000-series)
• dTPM	✓	✓	✓	✓
• Trusted Computing Group (TCG) Compliant	✓	✓	✓	✓
Solution Security				
• Cloud Recovery (Factory Image)	✓	✓ (X/T/P-series)	✓ (Dragonfly, Elite, Pro-series)	✓ (7000/9000-series)
• Anti-virus Software	✓ (P- 1 Year\30 Days)	✓ (30 days)	✓ (30 days)	✓ (30 days)

ASUS ExpertGuardian 1.0

Hardware Features

NIST Guideline Compliant

Meets NIST security standards for high protection.

BIOS Self-Recovery

Automatically fixes BIOS issues if they occur.

Rollback Prevention

Stops the system from reverting to an unsafe older version.

Tamper Detection

Prevents unauthorized BIOS changes. Tampered firmware events are logged in the System Log Page, and a warning prevents OS access on startup.

USB Access Lock

Blocks unauthorized USB devices.

Security Updates

Provides security updates for up to 5 years to keep the system secure.

On-Device Features

Windows 11 Security Level 2

dTPM

Discrete Trusted Platform Module(dTPM) is designed to be compliant with TCG standards, ensuring it meets rigorous security requirements for trusted computing environment.

Trusted Computing Group (TCG) Compliant

TCG guidelines protect the OS from unauthorized changes, ensuring only trusted software runs for security and reliability.

Solution Features

Cloud Recovery

Restores the system to its original factory settings using a backup stored in the cloud.

Anti-virus Software

Protects the computer from malware and other malicious software.

AI-powered Web Protection



**1 Free Year Premium
Membership**

Premium membership value €44.95

AntiVirus, Fraud Protection, Social Media Private Manager

Security

Unlimited device security
Safe browsing

Identity

Password manager
Identity monitoring

Privacy

Unlimited VPN
Social privacy
Personal Data Cleanup (manual)
Online Account Cleanup (manual)

AI-powered Web Protection



**Take control of who
can access your
personal info online**

Identity monitoring

helps keep your info safe, with early alerts if your data is found on the dark web

Personal Data Cleanup

automatically requests removal of your info from data broker sites

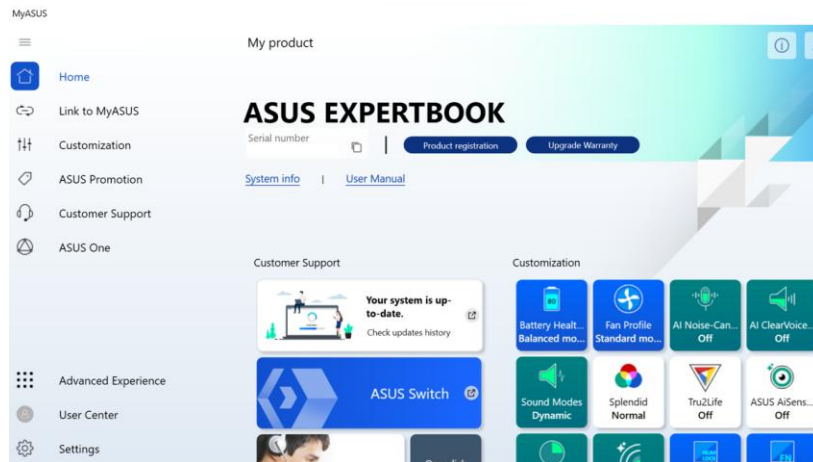
Online Account Cleanup

scans help find unused accounts, providing a risk level so you can decide which to delete

Social Privacy Manager

helps you configure your social media privacy settings according to how much you want to share

Business-Class Manageability



MyASUS

A central hub for ASUS software, with apps designed to maintain your system, optimize PC performance, and contact ASUS for after-sales service.

- Hardware Settings
- System Diagnosis
- Customer Service
- ASUS AppDeals



ASUS Control Center

A centralized IT-management suite that enhances enterprise productivity with comprehensive control through a user-friendly interface.

- Hardware & Software Monitoring
- Remote Management
- Advanced Search & Grouping
- Enhanced Security



ASUS BIOS

This helps with device identification in teams and enables easier management of individual PCs.

- User friendly interface
- Create and store serial numbers
- Exclusive mouse control
- Safe BIOS updates

A woman with blonde hair in a bun, wearing a grey sweater, is seen from behind, sitting at a desk. She is looking at a computer monitor that displays several colorful bar charts. To her right is a black tower PC. A potted plant is on the desk next to the PC. The scene is dimly lit, with a desk lamp providing light. A large blue diamond-shaped graphic is overlaid on the left side of the image, containing the text.

Durability and Sustainability

Unmatched Protection, Reliability, and Compatibility

45% global market share

Comprehensive system
protection

5X

Protection III

- Overvoltage protection
- 3x corrosion-resistance
- Stable power supply
- Surge-protected networking
- Stainless-steel back I/O

24/7 reliability

8000+

Validation hours

- Temperature and humidity tests
- Thermal-shock tests
- Aging tests
- Power-consumption tests
- Burn-in tests

Flexible expandability

1000+

Compatible devices

- The superior compatibility of ASUS motherboards is evidenced by ASUS internal test, including thousands of compatible component.

Powerful Endurance: Enhancing Stability and Longevity

ExpertCenter P500 is engineered with 100% solid capacitors for better performance and longevity, with a lifespan that's up to 2x greater than traditional capacitors with the CPU under full load and 6x longer during everyday use. This maximizes your investment and minimizes the need for maintenance – all contributing to a lower total cost of ownership (TCO).

100%

Solid capacitors

Capacitor Type	General OS-con	Electrolytic Capacitors
Capacitor Life <small>(86°C: Full loading / 65°C: Normal loading)</small>	2 years @86°C 22 years @65°C	1 year only @86°C 3 years @65°C



US Military Grade Testing Methods

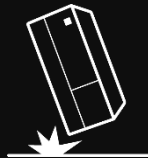
ASUS ExpertCenter desktops are extraordinarily tough enough to be tested with industry-leading military-grade MIL-STD-810H durability standards.

Test against 8 Categories and 15 procedures.



Temperature Shock

Endure **-51°C~71°C** for 1 Hour / three cycles with power off



Shock Test

Withstand **18 harsh shocks** at the speed of 40G/11ms with power on



Humidity Test

Tolerate **95% relative humidity** at temperatures of 30°C and 60°C for 10 days with power off



Altitude Test

Handle extreme **15,000-ft** heights, with power on



High Temperature Test

Endure **32°C~43°C** for 3 x 24 hr. cycles, **14~44% humidity**, with power on



Low Temperature Test

Endure **-37°C~-46°C** for 3 x 24 hr. cycles, **Wind <11mph**, with power on



Freeze/Thaw

Rapid change **30°C~-10°C**, **95% humidity** dwell: 1 hour, 3 cycles



Vibration

Withstand **5-500Hz** physical vibrations for **60 mins**

ASUS Business Support Package

	Standard	ASUS Business Support (P Series)	ASUS Business Support Plus (B Series)
Warranty Extension	○	○ (Up to 3 years)	○ (Up to 5 years)
International Warranty	○	○	○
ASUS System Diagnostics	○	○	○
Repair Reports	○	○	○
VIP Hotline		○	○
Next-Day Local On-Site Service		○	○
Local Accidental Damage Protection		▲	○
ASUS Control Center (ACC)		▲	○
HDD/SSD Retention		▲	○
Service Account Manager			○
ASUS Image Maker (IM)			○

Efficient Power Consumption

Smart Fan PSU

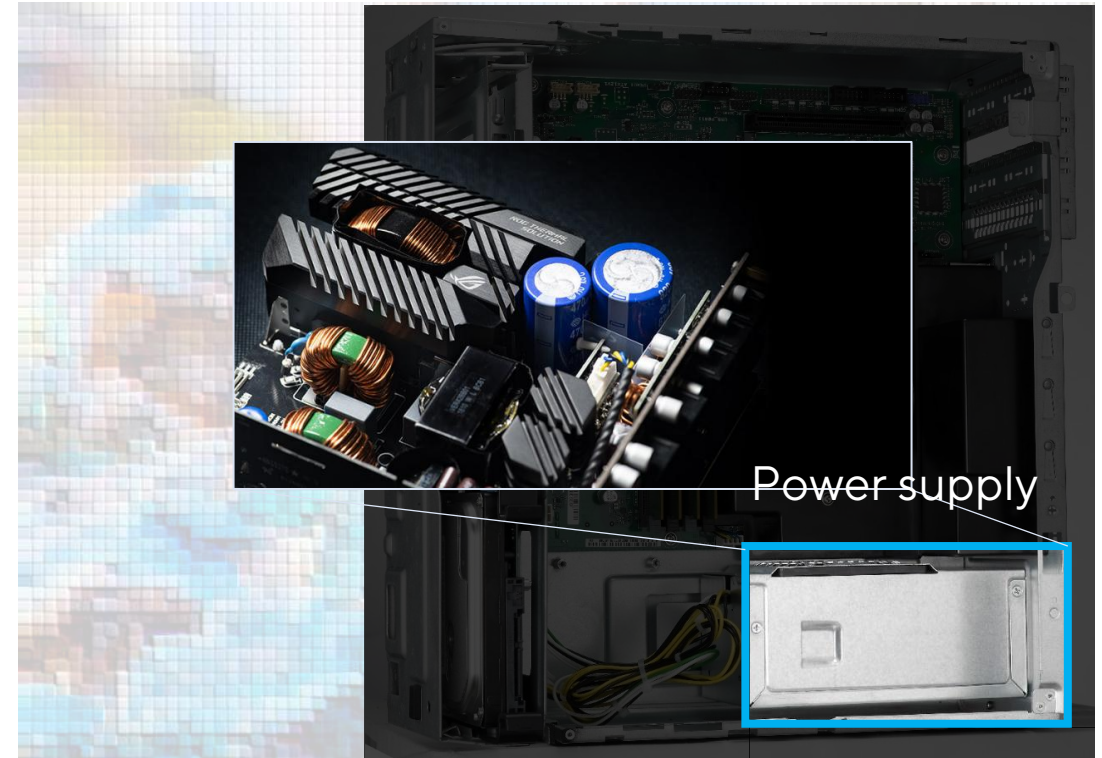
The ExpertCenter P500 boasts a Smart Fan PSU that dynamically adjusts its operation based on the PC's load, optimizing energy efficiency. The fan strategically activates and deactivates, minimizing heat production for enhanced reliability and a better user experience.

80 PLUS® Certification

80 PLUS® is a certification designed to denote that a power supply is at least 80% efficient at 20%, 50%, and 100% loads. Depending on the selected power supply, ExpertCenter P500 efficiency ratings include bronze, and platinum.



Up to platinum



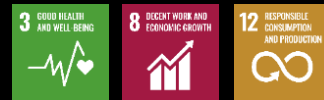
Turning Values into Action

ASUS 2025 Sustainability Goals

↑ 100%

Circular Economy

- Promote sustainable procurement and increase the use of environmentally friendly materials in products and packaging by 100%



↑ 100%

Responsible Manufacturing

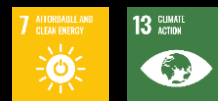
- Achieve labor and human rights goals by completing 100% of RBA third-party audits of key suppliers and ensuring any necessary corrective actions are taken
- Use responsible minerals by sourcing 100% of tantalum, tin, tungsten, gold, and cobalt from qualified smelters



↑ 100%

Climate Action

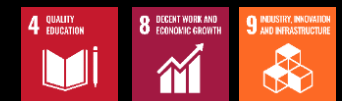
- Key products 30% above Energy-Star efficiency
- Key suppliers cut carbon intensity 30% by 2025
- 100% renewable energy use in Taiwan by 2030, globally by 2035



↑ 100%

Value Creation

- Intensify digital transformation and innovation efforts with the goal of a 100% increase in sustainable value creation
- Strengthen industry/academia cooperative projects to cultivate more than 1,000 talents



Delivering on Sustainability & Delivering Value

Key sustainability achievements

↑ 87.2%

Eco friendly* product revenue in 2022

↑ 90%

Of laptop packaging recyclable and made from recycled pulp

↑ 34.6%

More energy efficient than ENERGY STAR® standards, on average, for Notebook PCs in 2022

100%

Responsible minerals sourced from qualified smelters since 2018

40,000+

Tones of E-waste recycled since 2019

1,689

Tones of post-consumer recycled plastics have been used since 2017

20,000+

Computers donated to over 1,800 NPOs since 2008

410,000

Workers has protected because of annual ESG audit for high-risk suppliers since 2013

Tool-free Design

Built for easy maintenance & upgrade

HDD & ODD Tool-free design

Allows HDD & ODD be easily pulled out with no tools required

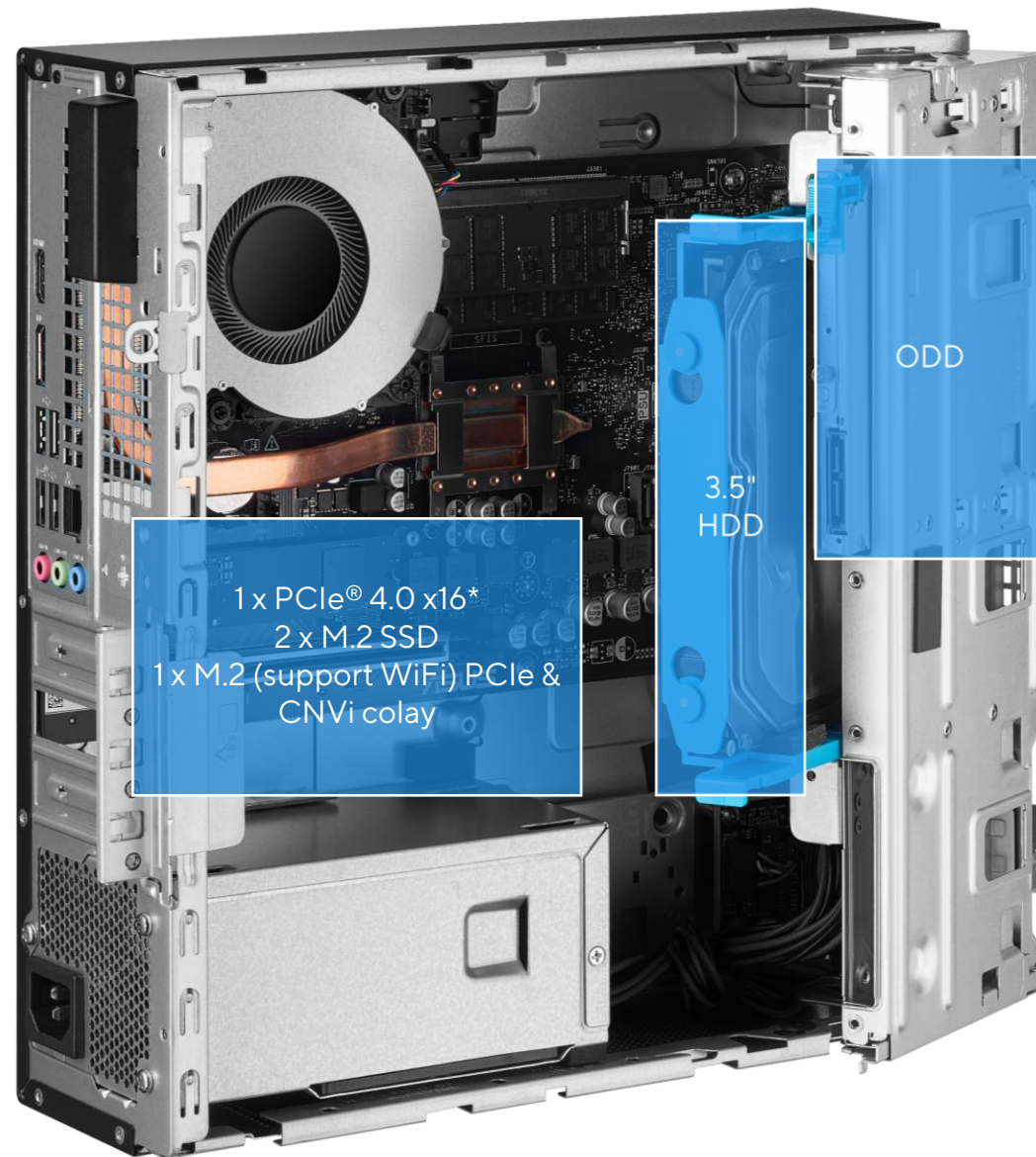
Standard components
(e.g. VGA card, HDD, SSD)
for easy upgrade



Easily repair/upgrade

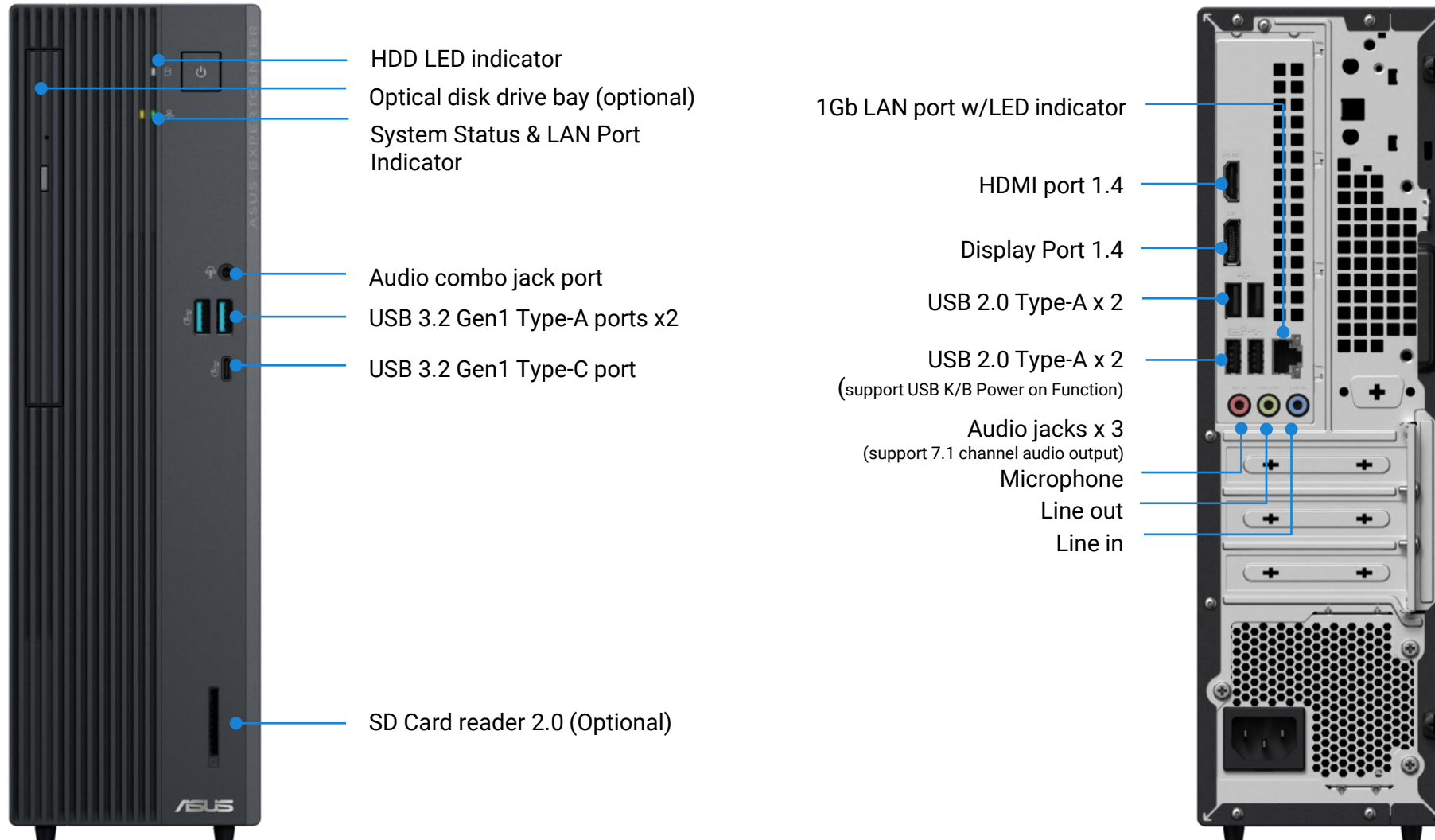
When the rotatable case fully opened, you'll have plenty of space to repair/maintenance easily

Designed for Flexible Expansion



*PCIe 4.0 x16 slot on i5 and i7 configurations, electric 8x data connection

I/O Ports



HDD LED indicator

Optical disk drive bay (optional)

System Status & LAN Port Indicator

Audio combo jack port

USB 3.2 Gen1 Type-A ports x2

USB 3.2 Gen1 Type-C port

SD Card reader 2.0 (Optional)

1Gb LAN port w/LED indicator

HDMI port 1.4

Display Port 1.4

USB 2.0 Type-A x 2

USB 2.0 Type-A x 2
(support USB K/B Power on Function)

Audio jacks x 3
(support 7.1 channel audio output)

Microphone

Line out

Line in

Front Status Indicators



Streamlined User Maintenance

Users can monitor, troubleshoot and address problems more efficiently, reducing downtime and frustration, while being alerted promptly to hardware, connectivity, and hard disk drive issues, enabling proactive measures to prevent further damage or data loss.



Immediate Troubleshooting

Quickly identify issues such as corrupted BIOS, memory failure, faulty graphics cards, CPU detection problems, overheating, boot device errors, and damaged storage drives.



Debugging Assistance

Facilitate debugging processes, such as entering and exiting Debug mode, streamlining diagnostic procedures for technicians or advanced users.

Front Status Indicators



Hard Disk Drive Status Indicator

Indicate the current status of hard drive to solve hard drive problems such as drive fail & cannot recognize a hard drive.

Status LEDs for Intel® Ethernet

Display the network connection status, speed, and indicate connection link up, no link or transmitting, and locate at the front panel for intuitive monitoring.