

## Mini PC PN40



ASUS PN40 Fanless Barebones Mini PC with Intel Celeron and integrated Intel 4K UHD Graphics (HDMI, Mini DisplayPort, 802.11ac Wifi, BlueTooth 4.0, Gigabit LAN, USB 3.1, VESA Mount)

- Windows 10 Pro - ASUS recommends Windows 10 Pro. or other editions available
- **Barebones and Fanless, the PN40-BB021M features Intel® Celeron® N4000 Processor (1.1 GHz, 4M Cache)**
- **Supports M.2 2280, 2.5" HDD or SSD, and up to 8GB DDR4-2400MHz RAM via 2x SO-DIMM slots**
- **Integrated 4K UHD graphics** supports 2x Monitors using HDMI and Mini DisplayPort
- **Share files or stream your favorite media** with Intel® 802.11ac Wifi, Bluetooth 4.2, and USB 3.1 Gen 1 Type A & Type C ports
- **Fanless design** delivers 0db under full load performance

Add to comparison

## Ultracompact, easily upgradeable design

The new ASUS Mini PC PN40 is the ideal solution for both home entertainment and business applications, delivering swift yet extremely quiet performance with the latest Intel® Celeron® and Pentium® Sliver processors and a fanless\* design. Compact and lightweight, ASUS Mini PC PN40 measures just 115 x 115 x 49mm and weighs just 700 grams. Its convenient sliding chassis enables easy component upgrades with just a screwdriver, and comprehensive connectivity options, including USB 3.1 Gen 1 Type-C for fast data transmission and a VGA or COM port for connecting legacy devices, provide flexible compatibility for a wide range of usage scenarios.

\*Fanless design is only available on selected models



Flexibility

## Upgrade-friendly

A convenient sliding chassis design lets you add or upgrade an M.2 SSD, 2.5-inch HDD or SSD, or memory in two easy steps using just a screwdriver. A bare-bones\* option is also available, giving you maximum flexibility to customize your system.

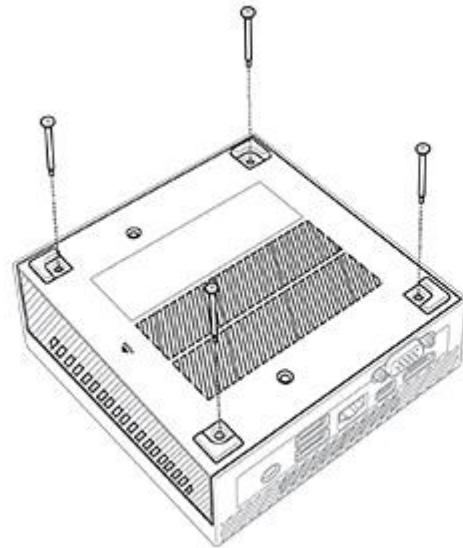
\* Bare-bones solution availability may vary by model or region



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## Remove screws

Secure with screws for extra protection



Flexibility

# Dual Storage Design

ASUS Mini PC PN40 fits one M.2 SSD\* or eMMC drive, and a 2.5-inch HDD or SSD, letting you create your own custom storage solution with the balance of speed and capacity to fit your needs.



\*M.2 connector support may vary from model

## Design

# Modern and space-saving design

With a modern design featuring sleek lines and a stylish, brushed finish, ASUS Mini PC PN40 easily blends in to home, office and retail environments. Compact and lightweight at 115 x 115 x 49mm and 700 grams so it can be placed almost anywhere and even mounted to the back of a display for a space-saving, all-in-one solution.



Cooling vents



Modern, stylish design



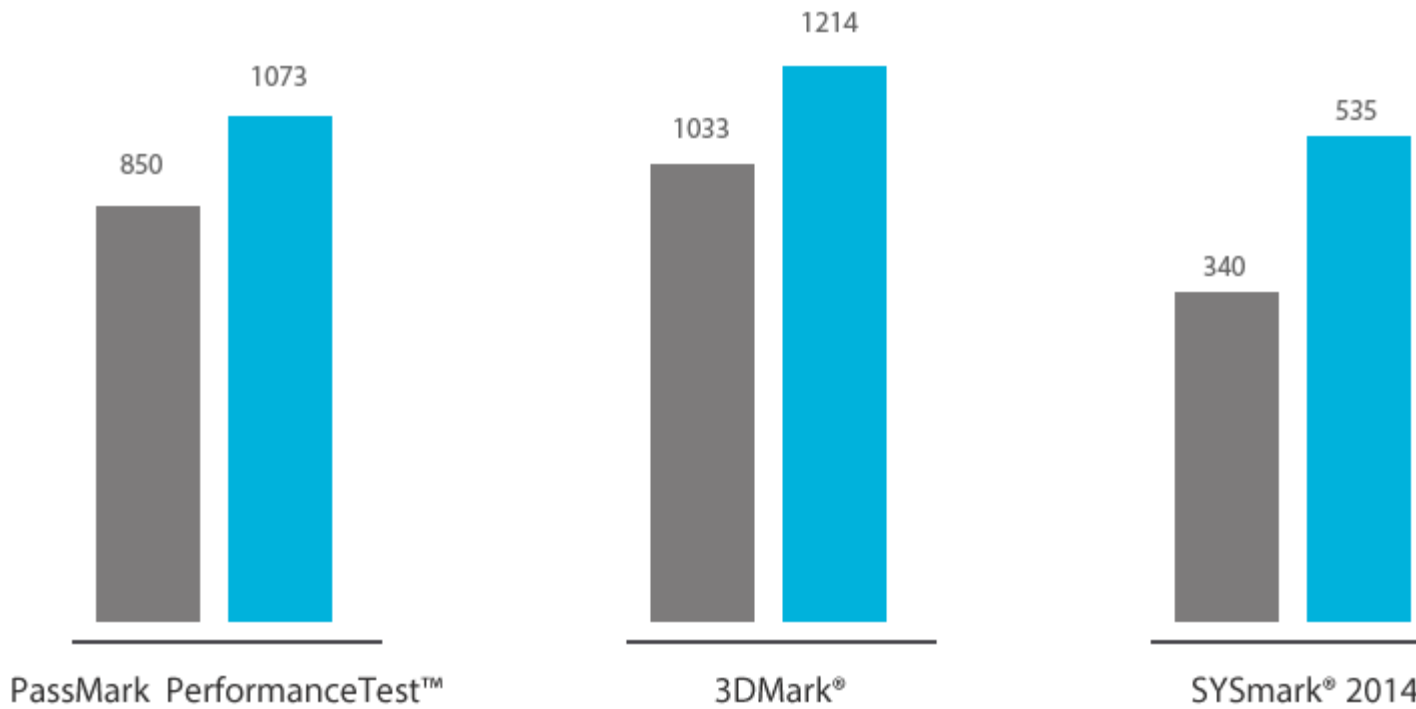
VESA-mountable

Performance

## Powerful performance for daily multitasking

ASUS Mini PC PN40 is powered by the latest Intel® Celeron® and Pentium® Silver processors, which provide up to 36% better performance in daily multitask computing compared to previous generation processors, ensuring smooth and responsive experiences in a wide variety of usage scenarios.

Up to  
**36%**  
Overall performance  
improvement



\* Test tools: PassMark PerformanceTest™ (1023 build) | 3DMarkV2.4.4180 | SysMark2014

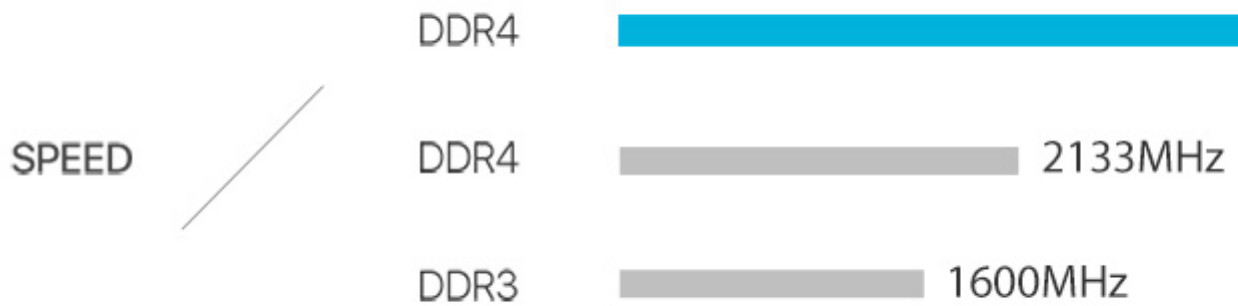
\* Test configuration: PN40 with Intel® Celeron® Processor N4000 vs UN45H with Intel® Celeron® Processor N3060

## Performance

# Faster and better DDR4 RAM



With DDR4 2400MHz memory that delivers 1.5X faster speed and 20% better energy-efficiency than DDR3 1600MHz memory, ASUS Mini PC PN40 provides excellent performance for daily computing tasks.

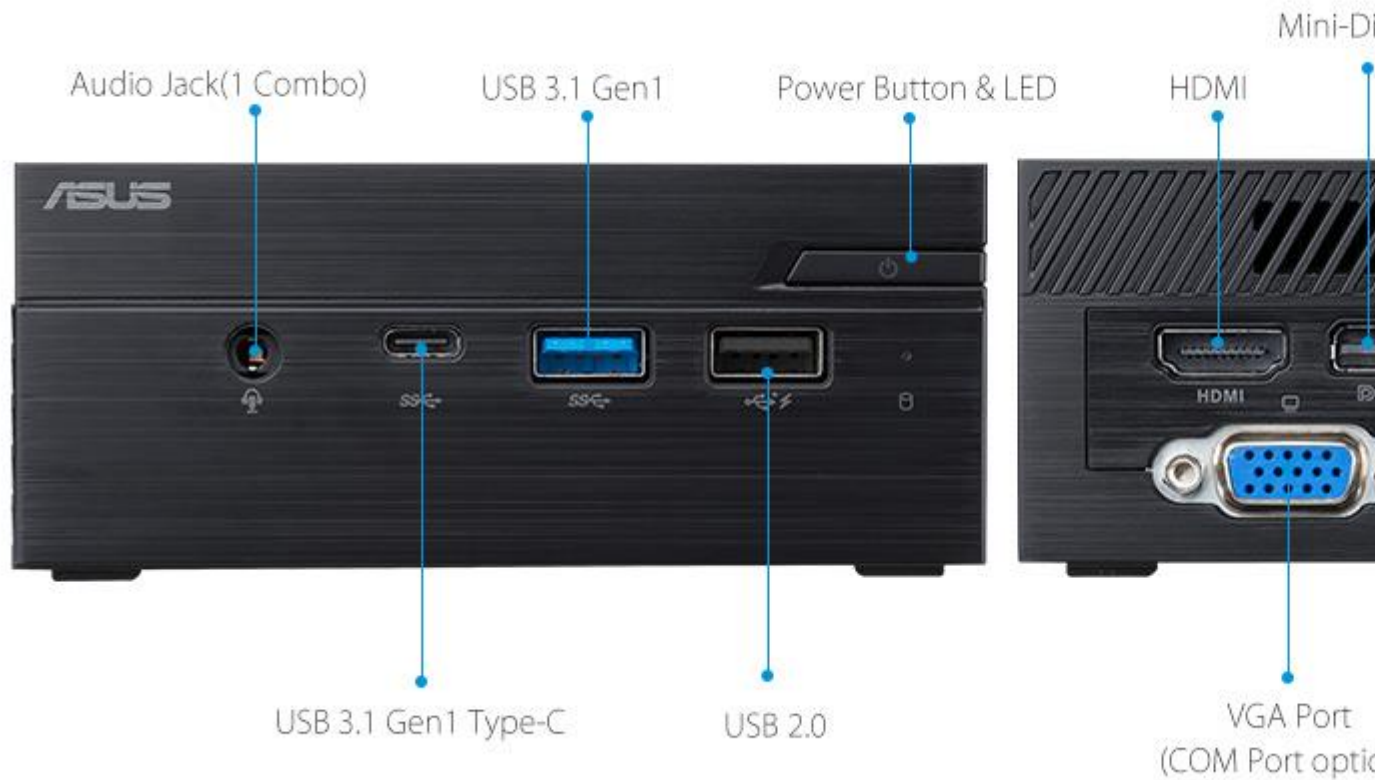


## Connectivity

# High-speed connectivity and legacy support

ASUS Mini PC PN40 features multiple connectivity options including one USB 3.1 Gen 1 Type-C and three USB 3.1 Gen 1 ports for high-speed data transfers, and an HDMI port and Mini DisplayPort for connecting multiple displays. For even more flexibility, Mini PC PN40 can be configured with either a VGA or COM port to support a variety of legacy devices.

\*Flexible I/O ports availability may vary by model or region



## Productivity

# Stunning 4K UHD resolution and dual display support

ASUS Mini PC PN40 comes equipped with integrated Intel® UHD Graphics 600, so you can enjoy watching video and viewing images in stunning 4K UHD resolution. Support for dual displays lets you extend your workspace across multiple monitors for more efficient and comfortable productivity experiences.

Independent displays

Display Resolution

Extra Graphic card needed



Energy savings

## Reduce environmental impact while lowering operating costs

ASUS Mini PC PN40 has an energy-efficient design that reduces environmental impact while helping to lower operating costs for your business. Eco-friendly ASUS mini PCs are recipients of some of the industry's highest environmental certifications, including Energy Star. Mini PC PN40 consumes as little as 6.4W at idle and is extremely quiet,

generating just 20.6 dB of noise at idle. It is also available in a fanless\* design that operates in complete silence no matter the workload.



[Learn More](#)



\*Fanless design is only available on selected models

\*Testing configuration: PN40 | Windows 10 Pro-64bit | Intel® J4005 Processor | Samsung DDR4 2133MHz 8Gx1 | SEAGATE 2.5" 1TB HDD

Longevity and manageability

Corporate Stable Model (CSM)

The ASUS Corporate Stable Model (CSM) program is an initiative designed to provide businesses with stable product supply and enhanced aftersales support. Each CSM mini PC purchase entitles the customer to the ASUS Control Center IT-management software suite (CSM Edition, a \$60 value)\* that provides comprehensive control and monitoring. ASUS CSM products also include a stable roadmap and assured 36-month supply availability to ensure customers need not worry about material-supply gaps or extended supply.

[Learn More](#)

\* Program offerings may vary by region. Please consult your local sales representative for more information.

Advantages	CSM Mini PC Features
Server Management	ASUS Control Center
Stable supply	36+ months product Lifecycle <i>*Starting from product launch date</i>
	6-month EOL notice
	ECN control <i>*By request</i>
Other support	Windows 10 and Pre-WHQL Ready

Reliability

Tested for perfection

ASUS mini PCs undergo rigorous noise, vibration, drop, and thermal shock tests to ensure they meet exacting ASUS standards and exceed industry requirements. Be confident that your ASUS mini PC can cope with extreme conditions, ranging from dry -40°C temperatures, to humid and hot environments exceeding 60°C for long periods of time.



Vibration Test



Drop Test

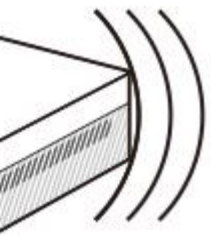


Port Test





Temperature and Humidity Test



Noise Test



## Line Voltage and Frequency Test



- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
- PCB color and bundled software versions are subject to change without notice.
- Brand and product names mentioned are trademarks of their respective companies.  
Ultrabook, Celeron, Celeron Inside, Core Inside, Intel, Intel Logo, Intel Atom, Intel Atom Inside, Intel Core, Intel Inside, Intel Inside Logo, Intel vPro, Itanium, Itanium Inside, Pentium, Pentium Inside, vPro Inside, Xeon, Xeon Phi, and Xeon Inside are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

- **Operating System**

Windows 10 Pro - ASUS recommends Windows 10 Pro.  
Windows 10 Home - ASUS recommends Windows 10 Pro.

- **CPU**

Intel® Celeron® N4000 Processor\*  
Intel® Celeron® J4005 Processor

- **Graphic**

Intel® UHD Graphics 600

- **Memory**

2 GB Up to 8 GB  
DDR4 at 2400MHz  
2 x SO-DIMM

- **Storage**
  - 2.5" 500GB Up to 1TB SATA 6Gb/s Hard Drive
  - 32GB Up to 64GB eMMC
  - 128GB Up to 256GB M.2 (NGFF) SSD
- **Wireless Data Network**
  - 802.11 a/b/g/n/ac, Bluetooth® 5.0
- **LAN**
  - 10/100/1000 Mbps
- **Side I/O Ports**
  - 1 x Kensington Lock
- **Front I/O Ports**
  - 1 x USB 2.0
  - 1x USB 3.1Gen 1 Type-C
  - 1x USB 3.1Gen 1
  - 1 x Audio jack
- **Back I/O Ports**
  - 2 x USB 3.1 Gen 1
  - 1 x HDMI
  - 1 x mini DisplayPort
  - 1 x RJ45 LAN
  - 1 x DC-in
  - 1 x COM port (On selected models)
  - 1 x VGA out (On selected models)
- **Power Supply**
  - 65 W Power adapter
- **Dimensions**
  - 115 x 115 x 49 cm (WxDxH)
- **Weight**
  - 0.7 kg
- **Color**
  - Black
- **Accessories**
  - Chrome Wireless Keyboard and Mouse included in i3 sku only (Optional), Wired/Wireless
  - AC Adaptor
  - Warranty Card
  - Quick Start Guide
  - VESA Mount Kit
  - \*All accessories may vary in different market
- **Certificates**

BSMI/CB/CE/FCC/UL/CCC/Energy Star/C-Tick/WiFi/RF/VCCI

- **Note**

\*Fanless design is only available on selected models

\*M.2 connector support may vary from model

\*Wi-Fi module may vary by region