![ASUS logo]

ASUS PN64-SYS582PX1TD Intel® Core™ i5 i5-12500H 32 GB DDR5-SDRAM 256 GB SSD Windows 11 Pro Mini PC Black

Brand : ASUS

Product code: 90MS02G1-M002C0

Product name : PN64-SYS582PX1TD

- Windows 11 Pro 64-bit
- Intel Core i5-12500H (18MB Cache)
- 32GB (4800MHz) DDR5-SDRAM (2 x 16) & 256GB SSD

Intel Core i5-12500H (18MB Cache), 32GB DDR5-SDRAM, 256GB SSD, Intel Iris Xe Graphics, LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

ASUS PN64-SYS582PX1TD. Processor family: Intel® Core™ i5, Processor model: i5-12500H. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 4800 MHz. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 120 W. Chassis type: Mini PC. Product type: Mini PC. Weight: 1 kg. Product colour: Black

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	12th gen Intel® Core™ i5
Processor model *	i5-12500H
Processor cores	12
Processor boost frequency	4.5 GHz
Processor cache	18 MB
Configurable TDP-down	35 W

Memory

Internal memory *	32 GB
Internal memory type	DDR5-SDRAM
Memory layout (slots x size)	2 x 16 GB
Memory clock speed	4800 MHz

Storage

Total storage capacity *	256 GB
Storage media *	SSD
Optical drive type *	✘
Total SSDs capacity	256 GB
Number of SSDs installed	1
SSD capacity	256 GB
SSD interface	PCI Express 4.0
NVMe	✓
SSD form factor	M.2

Graphics

Discrete graphics card *	✘
On-board graphics card *	✓
Discrete graphics card model *	Not available
On-board GPU manufacturer	Intel
On-board graphics card model *	Intel Iris Xe Graphics

Network

Ethernet LAN *	✓
Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Wi-Fi *	✓
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Antenna type	2x2
Bluetooth	✓

Ports & interfaces

USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2
HDMI ports quantity *	2
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.4
Ethernet LAN (RJ-45) ports	1
Combo headphone/mic port	✓
DC-in jack	✓

Design

Chassis type *	Mini PC
Colour name	Black
Placement supported	Horizontal/Vertical
VESA mounting	✓
Cable lock slot	✓
Cable lock slot type	Kensington
Product colour *	Black

Performance

Audio chip	Realtek ALC897
Built-in speaker(s)	✘
Trusted Platform Module (TPM)	✓
Product type *	Mini PC

Software

Operating system installed *	Windows 11 Pro
Operating system architecture	64-bit

Processor special features

CPU configuration (max)	1

Power

Power supply *	120 W
Power supply input voltage	19 V
80 PLUS certification	No

Certificates

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

Weight & dimensions

Width *	120 mm

Network

Bluetooth version	5.2

Ports & interfaces

USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3

Weight & dimensions

Depth *	130 mm
Height *	58 mm
Weight *	1 kg

Packaging content

Display included *	✖

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