

# Shuttle NC40U7 PC/workstation barebone

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<b>Artikel</b>	289188
<b>Herstellernummer</b>	NC40U7
<b>EAN</b>	0887993005874
Shuttle	

## Many ports and high performance in nano format

The NC40U series comes with powerful and efficient 12th generation Intel Core processors, codenamed "Alder Lake-U". Despite the nano format with only 850 ml volume, it offers enormous connection variety and expansion options. Thus, up to three UHD displays (4K/60Hz) and up to seven USB 3.2 devices can be connected, and two NVMe/SSD cards in M.2-2280 format as well as one 2.5" hard drive (up to 15 mm thickness) can be installed. The NC40U series is ideal for Digital Signage, POS, control, office or even multimedia.

## Zusammenfassung

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Shuttle XPC Nano PC NC40U7, Intel Core i7-1255U, 1x HDMI, 1x DP, 1x USB-C/DP, 6x USB3.2, 1x 2.5" bay, 2x M.2, 1x LAN, RAID, 24/7 permanent operation, incl. VESA & Stand, 0.84L sized PC, Mini PC barebone, Intel SoC, DDR4-SDRAM, PCI Express, Serial ATA III, 65 W

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## Merkmale

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### Packaging content

#### Audio

Power cord included	Yes
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Built-in speaker(s)	No
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AC adapter included	Yes
Quick start guide	Yes
Drivers included	Yes

## Logistics data

Harmonized System (HS) code	84733080
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## Technical details

Compliance certificates	BSMI, CE, Federal Communications Commission (FCC), RoHS, UKCA
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## Expansion slots

PCI Express slots version	3.0, 4.0
Number of M.2 (M) slots	2

## Operational conditions

Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-10 - 90% H)	

## Sustainability

Sustainability compliance	Yes
Sustainability certificates	ENERGY STAR, ErP

## Network

Ethernet LAN	Yes
Wi-Fi	No
LAN controller	Intel® I219

## Software

Windows operating systems supported	Windows 10, Windows 11
Linux operating systems supported	Yes
Operating system installed	No

## Graphics

On-board graphics card	Yes
Graphics card family	Intel
On-board graphics card model	Intel® UHD Graphics
Maximum resolution	7680 x 4320 pixels

## Performance

Motherboard chipset	Intel SoC
Number of processors supported	1
BIOS type	AMI
Trusted Platform Module (TPM) version	Yes
Trusted Platform Module (TPM) version	2.0

## Weight & dimensions

Width	142 mm
Depth	142 mm
Height	42 mm
Weight	400 g
Package weight	1.2 kg

## Storage

Supported storage drive types	HDD & SSD
Storage drive sizes supported	2.5,M.2
Storage drive interface	PCI Express, Serial ATA III
NVMe	Yes
Number of storage drives supported	3
Card reader integrated	No

## Power

Power supply type	External AC adapter
Power supply	65 W
Number of power supply units	1
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
AC adapter output voltage	19 V
AC adapter output current	3.42 A

## Memory

Memory slots type	SO-DIMM
Number of memory slots	2
Maximum internal memory	64 GB
Supported memory clock speeds	3200 MHz
Supported memory types	DDR4-SDRAM
Memory channels	Dual-channel
Memory voltage	1.2 V
ECC	No
Non-ECC	Yes

## Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	
USB 3.2 Gen 1 (3.1 Gen 1) Type-1	

C ports quantity	
USB 3.2 Gen 2 (3.1 Gen 2) Type-2	
A ports quantity	
HDMI ports quantity	1
HDMI version	2.0b
DisplayPorts quantity	1
DisplayPort version	1.4a
Microphone in	Yes
Headphone outputs	1
Ethernet LAN (RJ-45) ports	1
DC-in jack	Yes

## Processor

Processor manufacturer	Intel
Processor family	Intel® Core™ i7
Processor generation	12th gen Intel® Core™ i7
Processor model	i7-1255U
Processor cores	10
Processor threads	12
Performance cores	2
Efficient cores	8
Built-in processor	Yes
Processor cache	12 MB
CPU configuration (max)	1

## Design

Chassis type	0.84L sized PC
Product colour	Black
Cooling type	Active
On/off switch	Yes
LED indicators	HDD, Power
Housing material	Plastic
Cable lock slot	Yes
Cable lock slot type	Kensington
VESA mounting	Yes
Panel mounting interface	75 x 75,100 x 100 mm
Product type	Mini PC barebone
Safety	CB IEC60950/62368, cTUVus (UL 62368)

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.