Shuttle

Shuttle Panel PC P21WL01-i3 All-in-One musta, Sininen i3-8145UE Intel® SoC 2,2 GHz

Tuotemerkki : Shuttle

Tuotekoodi: P21WL01-I3

Tuotteen nimi : Panel PC P21WL01-i3

Shuttle Panel PC P21WL01-i3. Alustatyyppi: All-in-One, Tuotetyyppi: All-in-One PC -aihio. Emolevyn piirisarja: Intel® SoC, BIOS-tyyppi: UEFI AMI. Tuetut muistityypit: DDR4-SDRAM, Muistipaikkojen lukumäärä: 2, Sisäinen enimmäismuisti: 64 GB. Tuetut tallennusasematyypit: SSD, Tallennuslaitteen liitäntä: PCI Express, Serial ATA III. Ethernet LAN (RJ-45) -portit: 2. Wi-Fi-standardit: 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Bluetooth-versio: 4.2. Jäähdytyksen tyyppi: Passiivinen. Virtalähde: 90 W
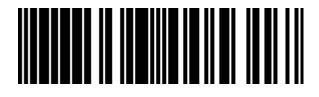
Processor

Processor manufacturer	Intel
Processor family	Intel® Core™ i3
Processor generation	8th gen Intel® Core™ i3
Processor model	i3-8145UE
Processor cores	2
Processor threads	4
Processor boost frequency	3.9 GHz
Processor frequency	2.2 GHz
Built-in processor *	✔
Processor lithography	14 nm
Processor cache	4 MB
Thermal Design Power (TDP)	15 W
CPU configuration (max)	1

Memory

Memory slots type *	SO-DIMM
Number of memory slots *	2
Maximum internal memory	64 GB
Supported memory clock speeds	2400 MHz
Supported memory types	DDR4-SDRAM
Memory channels	Dual-channel
Memory voltage	1.2 V
Non-ECC	✔

Storage

Supported storage drive types *	SSD
Storage drive sizes supported *	2.5,M.2
Storage drive interface	PCI Express, Serial ATA III
NVMe	✔

Graphics

On-board graphics card *	✔
Graphics card family	Intel
On-board graphics card model	Intel® UHD Graphics 620

Display

Display diagonal	54.6 cm (21.5")

Ports & interfaces

Microphone in	✔
Headphone outputs	1
Ethernet LAN (RJ-45) ports *	2
Serial ports quantity	3
DC-in jack	✔

Design

Chassis type *	All-in-One
Product colour *	Black, Blue
Cooling type *	Passive
On/off switch	✔
LED indicators	✔
VESA mounting	✔
Panel mounting interface	100 x 100 mm
Product type *	All-in-One PC barebone
Safety	CB, cTUVus, BSMI

Performance

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

Technical details

Compliance certificates	CE, Federal Communications Commission (FCC)

Logistics data

Harmonized System (HS) code	84714100

Software

Windows operating systems supported	Windows 10, Windows 11
Linux operating systems supported	✔
Operating system installed	✘

Display

Display resolution	1920 x 1080 pixels
Touchscreen	✔
HD type	Full HD
Aspect ratio	16:9
Display brightness	300 cd/m²
Panel type	TFT

Network

Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
WLAN controller model	Realtek RTL8821CE
Ethernet LAN *	✔
Wi-Fi *	✔
LAN controller	Intel® I211, Intel® I219-LM
Bluetooth	✔
Bluetooth version	4.2

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
HDMI ports quantity *	1
HDMI version	1.4b
DVI port	✔

Sustainability

Sustainability compliance	✔

Power

Power supply type *	External AC adapter
Power supply	90 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	4.74 A

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	20 - 80%

Weight & dimensions

Width	543 mm
Depth	49.9 mm
Height	334 mm
Weight	7.6 kg

Packaging content

Power cord included	✔
AC adapter included	✔
Quick start guide	✔

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