Shuttle M21WL01-i5WA Intel® Core™ i5 i5-8365UE 54,6 cm (21.5") 1920 x 1080 pikseliä Kosketusnäyttö All-in-one PC 16 GB DDR4-SDRAM 500 GB SSD Windows 10 IoT Enterprise Wi-Fi 5 (802.11ac) Valkoinen

Tuotemerkki : Shuttle   **Tuotekoodi:** M21WL01-I5WA

Tuotteen nimi : M21WL01-i5WA

Shuttle M21WL01-i5WA. Tuotetyyppi: All-in-one PC. Näytön halkaisija: 54,6 cm (21.5"), HD-tyyppi: Full HD, Näytön erottelutarkkuus: 1920 x 1080 pikseliä, Kosketusnäyttö, Paneelin tyyppi: LCD. Suoritinperhe: Intel® Core™ i5, Prosessorin taajuus: 1,6 GHz. Sisäinen muisti: 16 GB, Sisäisen muistin tyyppi: DDR4-SDRAM. Kokonaistallennuskapasiteetti: 500 GB, Tallennusmedia: SSD. Sisäänrakennettu kamera. Käyttöjärjestelmä asennettu: Windows 10 IoT Enterprise. Tuotteen väri: Valkoinen

Display

Display diagonal *	54.6 cm (21.5")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✔
HD type *	Full HD
Native aspect ratio	16:9
Display brightness	300 cd/m²
Panel type	LCD
Contrast ratio (typical)	3000:1
Viewing angle, horizontal	89°
Viewing angle, vertical	89°

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	8th gen Intel® Core™ i5
Processor model *	i5-8365UE
Processor cores	4
Processor boost frequency	4.1 GHz
Processor frequency *	1.6 GHz
Processor cache	6 MB
Configurable TDP-up frequency	1.8 GHz
Configurable TDP-up	25 W
Configurable TDP-down frequency	1.1 GHz
Configurable TDP-down	12.5 W

Memory

Internal memory *	16 GB
Internal memory type	DDR4-SDRAM
Maximum internal memory *	64 GB
Memory slots	2
Memory slots type	SO-DIMM
Memory layout (slots x size)	2 x 8 GB
Memory form factor	DIMM/SO-DIMM

Storage

Total storage capacity *	500 GB
Storage media *	SSD

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	✔
Microphone in	✔
Audio output	✔
DC-in jack	✔
Serial ports quantity	3

Design

Product colour *	White
Wall mountable	✔
VESA mounting	✔
Panel mounting interface	100 x 100 mm

Performance

Product type *	All-in-One PC
Market positioning	Medicine
Motherboard chipset	Intel SoC
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Software

Operating system architecture	64-bit
Operating system installed *	Windows 10 IoT Enterprise

Processor special features

Enhanced Intel SpeedStep Technology	✔
Intel Clear Video Technology	✔
Intel Trusted Execution Technology	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel TSX-NI	✔
Intel Software Guard Extensions (Intel SGX)	✔

Storage

Number of storage drives installed	1
Number of storage drives supported	2
Total SSDs capacity	500 GB
Number of SSDs installed	1
SSD capacity	500 GB
SSD interface	PCI Express 3.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘

Graphics

Discrete graphics card *	✘
Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	Intel
On-board graphics card model *	Intel® UHD Graphics 620

Camera

Built-in camera *	✔
Total megapixels	2 MP
Camera resolution	1920 x 1080 pixels
Camera HD type	Full HD

Network

Wi-Fi *	✔
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 manufacturer	Realtek
WLAN controller model	Realtek RTL8821CE
Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth *	✔
Bluetooth version	4.2

Ports & interfaces

Ethernet LAN (RJ-45) ports	2

Processor special features

Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
CPU configuration (max)	1
Embedded options available	✔
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔

Power

AC adapter power	90 W
AC adapter frequency	50/60 Hz
AC adapter output voltage	19 V

Weight & dimensions

Width (without stand)	543 mm
Depth (without stand)	49.9 mm
Height (without stand)	334 mm
Weight (without stand)	7.6 kg

Operational conditions

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

Certificates

Certification	cTUVus (ANSI/AAMI ES60601-1:2005/(R)2012), CB (IEC/EN 60601-1: 2005+A1: 2012), CE (EN 60601-1-2:2015, Class B), IEC 60601-1-2: 2015, FCC Part 18 (CISPR 11, Class B)

Sustainability

Sustainability certificates	ErP

Logistics data

Harmonized System (HS) code	84714100

Other features

Safety	CB, cTUVus
Intel® vPro™ Platform Eligibility	✔

4046047103850

Publication date: 25-DEC-2024. Prints or copies of Information are only valid on the printed Publication date