Viewsonic VPC12-WPO-16 embedded computer 2.3 GHz Intel® Core™ i5 256 GB SSD 8 GB

Brand : Viewsonic

Product name : VPC12-WPO-16

Product code: VPC12-WPO-16

- High Definition Audio Stereo
- Intel HD graphic 655
- Max Resolution up to 4096x2304@60Hz
Windows 10, Intel Core i5-8259U, DDR4 8GB, 256GB, M.2, Microphone, HDMI x1, Audio line out, x4 USB 3.0 Type-A, x1 Type-C, 12 / 19V, 65W, 202 x 119 x 30mm, 800g

Viewsonic VPC12-WPO-16 embedded computer 2.3 GHz Intel® Core™ i5 256 GB SSD 8 GB:

The ViewSonic® VPC12-WPO-16 slot-in PC is the ideal integrated solution for the ViewBoard® interactive displays and presentation displays. With dual-band Wi-Fi and Bluetooth, a powerful Intel® Core™ i5-8259U Processor, 8GB DDR4 SO-DIMM memory, and 256GB SSD storage, the VPC12-WPO-16 contains the computing power needed to operate CPU intensive applications.

Processor

Processor manufacturer *	Intel
Processor generation	8th gen Intel® Core™ i5
Processor frequency *	2.3 GHz
Processor family *	Intel® Core™ i5
Processor model *	i5-8259U
Processor cores	4
Processor boost frequency	3.8 GHz
Processor cache	6 MB
System bus rate	4 GT/s
Processor threads	8
Thermal Design Power (TDP)	28 W
Configurable TDP-down frequency	1.1 GHz
Configurable TDP-down	20 W
Maximum internal memory supported by processor	32 GB

Memory

Internal memory *	8 GB
Internal memory type	DDR4-SDRAM
Memory slots	1x SO-DIMM

Storage

Total storage capacity *	256 GB
Storage media *	SSD
Number of storage drives installed	1
SSD interface	M.2
SSD capacity	256 GB

Graphics

On-board graphics card *	✔
On-board graphics card model *	Intel Iris Plus Graphics 655
Maximum on-board graphics card memory	32 GB
On-board graphics card 4K support	✔
Discrete graphics card *	✖
Graphics card HDMI ports quantity	1

Ports & interfaces

HDMI version	1.4

Performance

Built-in display	✖
Product colour	Black

Software

Operating system installed	Windows 10 Pro
Operating system architecture	64-bit

Processor special features

Intel Flex Memory Access	✔
Enhanced Intel SpeedStep Technology	✔
Execute Disable Bit	✔
Idle States	✔
Intel Trusted Execution Technology	✖
Intel VT-x with Extended Page Tables (EPT)	✔
Embedded options available	✖
Intel TSX-NI	✖
Intel 64	✔
Intel Stable Image Platform Program (SIPP)	✖
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Clear Video Technology	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel Virtualization Technology (VT-x)	✔

Power

Power consumption (typical)	65 W
DC input voltage	12 / 19 V

Operational conditions

Operating temperature (T-T)	-5 - 45 °C
Operating relative humidity (H-H)	10 - 90%

Network

Wi-Fi *	✔
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Bluetooth	✔
Bluetooth version	4.2
Bluetooth Low Energy (BLE)	✔

Ports & interfaces

USB 2.0 ports quantity	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
HDMI ports quantity *	1

Certificates

Certification	CE EMC, CE LVD, CE RED, RoHS, WEEE, BIS, WPC

Weight & dimensions

Width	202 mm
Depth	119 mm
Height	30 mm
Weight	800 g
Package width	254 mm
Package depth	196 mm
Package height	77 mm
Package weight	1.1 kg

0766907017588

766907017588