

DATASHEET

VECTRON POS 7 PC VESA



VECTRON

System concept

The Vectron POS 7 PC VESA combines the high quality and reliability of Vectron hardware and software with the flexibility of a PC-based POS system. Thanks to the modular system the hardware offers a wide range of setting options and can be flexibly customized for all requirements. You can easily reposition the system box and mount it under a counter, for example. This facilitates the handling of cables and provides the option for wall mounting.

The extra wide display offers space for numerous functions at a glance. The capacitive glass touch screen is energy-saving, wear-free and equipped with a swipe function. High-quality components make the compact POS system extremely failsafe and durable. You can adapt and program the flexible, powerful software according to your requests; ergonomic design and a touch screen ensure convenient operation. Several industry-specific programs and peripheral devices can be connected to the POS 7 PC VESA for optimum workflows.

Hardware

Technical data of the Vectron POS 7 PC VESA POS system

Display diagonal	396 mm (15.6")
Display type	TFT-LCD
Display lighting	LED backlight
Display size (active)	344 x 193.5mm
Display resolution	1920 x 1080 Pixel (Full HD)
Colours	262K colors (RGB 6-bit)
Input	Touch screen (projective-capacitive)
Housing	Coated metal and plastic
Processor	Intel Celeron 3965U
Main memory	4 GB DDR4
Mass storage	128 GB SSD Module
Network	10/100/1000 BASE-T; Ethernet; 1x RJ45
USB ports	2x USB 3.0 Typ C, 2x USB 3.0, 3x USB 2.0 (1 of which at the front)
Serial ports	2x DB9 (Powered RS232) (COM1 5V, COM2 5V)
Cash drawer port	1x RJ11
Display port	2x FeDP
Loudspeaker	Integrated loudspeaker
Power supply	Power supply POS 7
Power consumption	24 W max. 17.2 W in normal mode without external appliances 1.9 W in standby mode
Temperature	storage: -20 to 60 °C operation: 0 to 35 °C humidity: 20 to 85 %, non condensing
Dimensions (W x H x D)	see drawings
Weight	POS 7 Display: 2080 g Assembly System box POS 7: 1360 g VESA Mount Adapter POS 7: 220 g (plus 8 g for four screws)
Certified	FCC Class A, CE Mark Class A, LVD
Warranty period	24 months

Hardware

Technical data of the power supply POS 7

	90 Watt	120 Watt
Input voltage	100 to 240 V alternating voltage	
Output voltage	+ 19 V direct voltage	
Output current	max. 4.74 A	max. 6,32 A
Output power	max. 90 W	max. 120 W
Power consumption (idle)	0.07 W	0.21 W
Temperature	storage: -20 to 85 °C	storage: -30 bis 80 °C
	operation: 0 to 40 °C	operation: 0 bis 40 °C
Humidity	operation: 8 to 90 %, non condensing	
Dimensions (W x H x D)	127 x 30.5 x 51 mm	131,7 x 25,8 x 69,6 mm
Weight	320 g	400 g
Certified	CE, UL	

Software

Technical data of the Vectron POS software

Operating system	Windows 10 IoT Enterprise 2019 LTSC
PLUs	1.000.000*
Departments	65,535*
Operators	2,000*
GC/Customer memory	65,535*
Cash registers per network	200*
Printers per network	100*
Graphic user interface	Gesture recognition (swipe) for fast navigation
	Use of own images and icons also with transparency channel
	Predefined high-resolution fonts
myVectron	Cloud-based myVectron services; integrated customer loyalty tools (e.g. individual campaigns, automatic processing of collection points, discount campaigns, vouchers)
Special features of the Light variant	All the server functions of the Vectron POS with light licence can be used exclusively with a mobile Vectron POS system. Server is always the Vectron POS with light licence.
	The use of mobile or hybrid Vectron POS systems in this type of network is limited to a maximum of 10 mobile POS systems, i.e. together with the Vectron POS with light licence you can enter max. 11 POS systems in network.

Apart from receiving programming updates, the Vectron POS with light licence connects only to a mobile Vectron POS system.

Peripheral use is possible within the existing scope.

An upgrade to a normal Vectron POS software license is possible by purchasing the corresponding upgrade license.

* Theoretical maximum values, which can only be obtained with special programming and optimum hardware equipment. The available functions also depend on the software version used and the programming of the POS system. Contact your Vectron specialist retailer for assessment/realization of your actual demands.

Scope of delivery

Vectron POS 7 PC VESA

Standard shipment

POS 7 Display 15.6" incl. 2 m POS 7 display cable (to system box)

Assembly System box POS 7, consisting of system box POS 7, heat sink, mounting angle

VESA Mount Adapter POS 7

Power supply POS 7 incl. power cable

Operator lock L1 POS 7 (Dallas standard lock) with two operator keys, mounting to both sides of the display possible

Software POS PC incl. Hardlock

Security and installation instructions

Dispatch box

Optional accessories

Operator lock L2 POS 7 (iButton Magnet)

Customer display C11 POS 7 incl. VESA-Mount Adapter POS 7 and 2 m POS 7 display cable

Scanner S1 POS 7

Plastic spudger POS 7

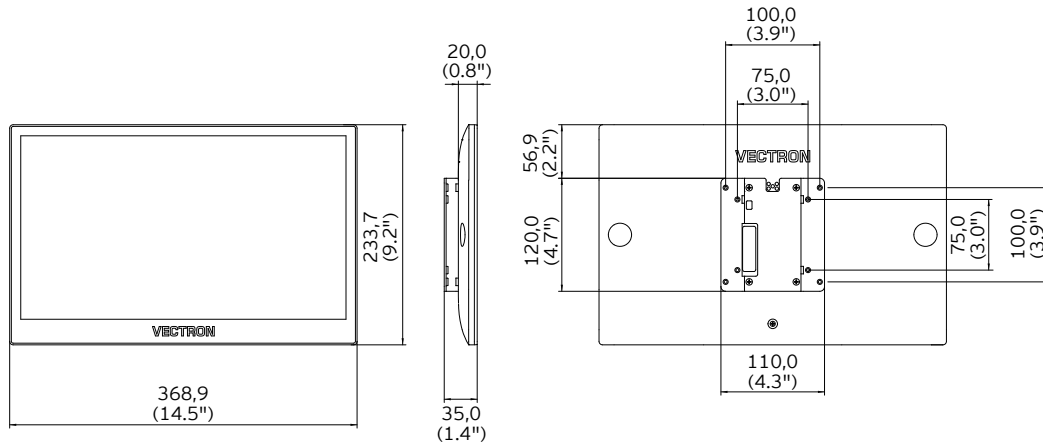
Drawer multiplexer POS 7

Serial cable

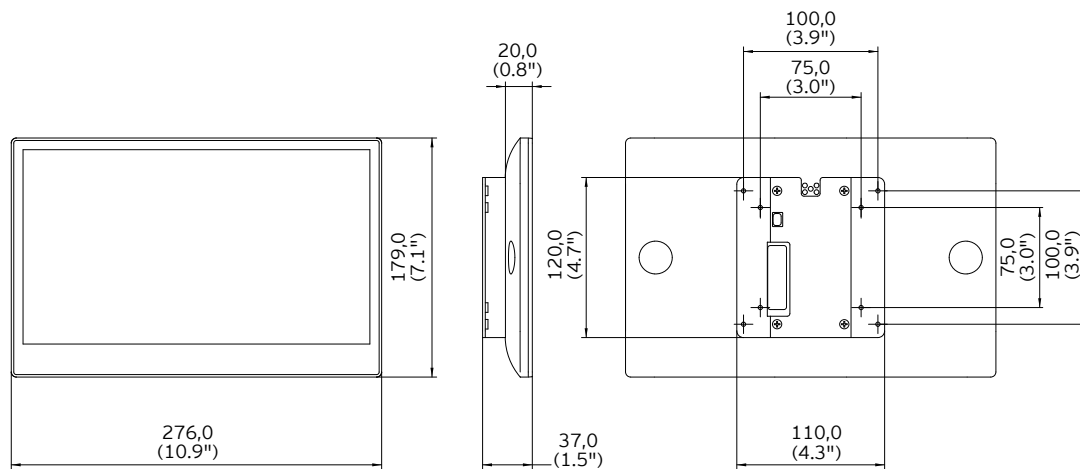
Dimensions

Dimensions in mm and inch

Dimensions operator display Vectron POS 7 to VESA Mount Adapter



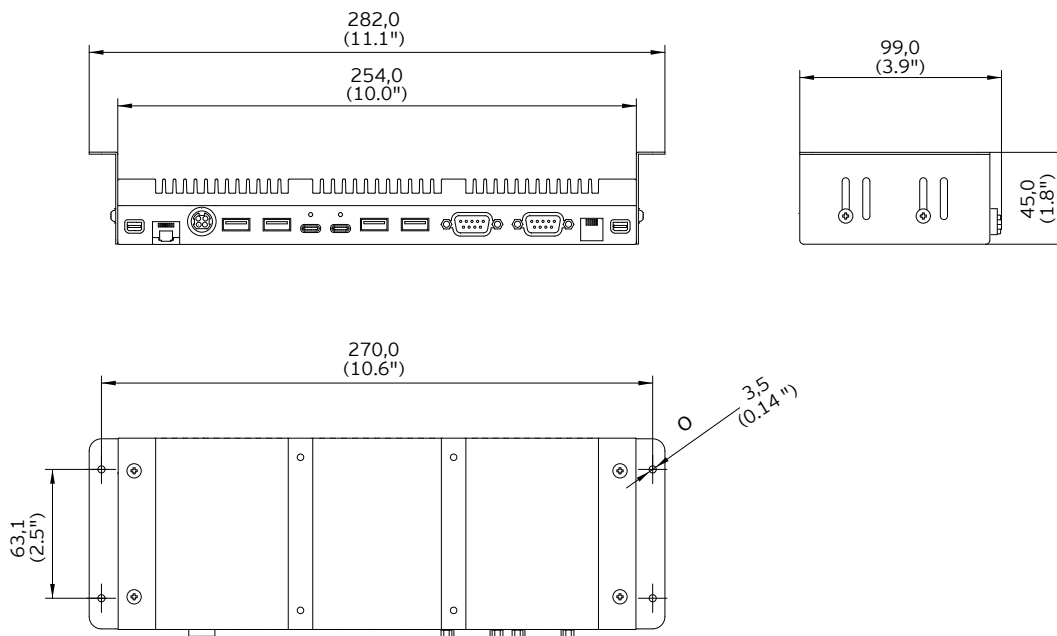
Dimensions customer display Vectron POS 7 to VESA Mount Adapter



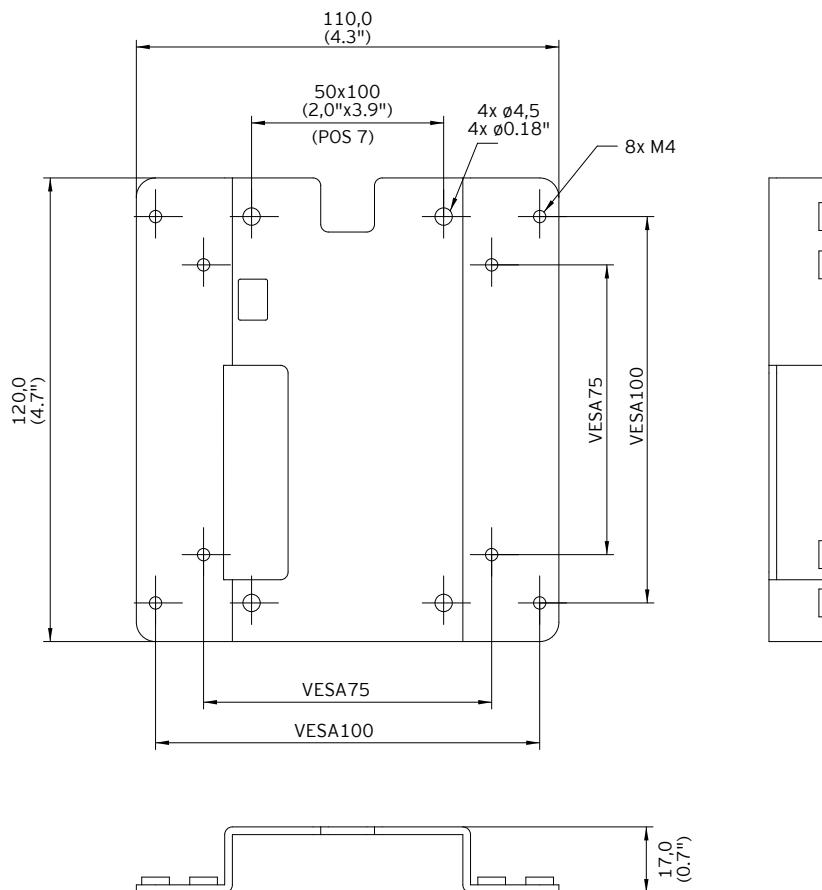
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Dimensions system box incl. heat sink



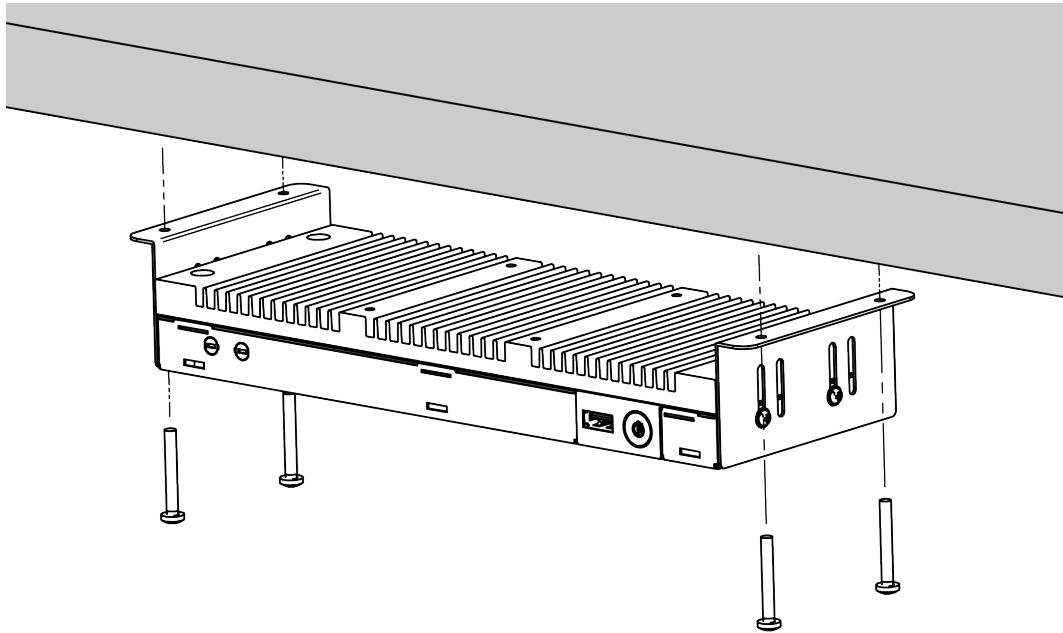
Dimensions VESA Mount Adapter



Mounting

Mounting options system box incl. heat sink

Under-table mounting (ventilation slots heat sink to table top)



Wall mounting (ventilation slots heat sink vertical and facing away from the wall)

