



Data sheet



V1DEX Series – Video playback tower workstation



V1DEX TOWER STATION

High-performance tower workstation optimized for video playback and VMS administration tasks. With a tower formfactor, the V1DEX Series is a perfect fit for small to medium surveillance monitoring centers where space saving is critical.

Video playback surveillance

The V1DEX workstation from Fibrenetix is a powerful standalone video playback and VMS administration workstation. Ideal for any small to medium sized surveillance monitoring center where reliability is critical, the V1DEX provides high-performance in a tower format for viewing, monitoring and administration of video surveillance data.

The V1DEX video playback workstation offers Plug'n'Play installation which comes prebuilt and configured with Windows 10 PRO preinstalled and tested. The V1DEX Series offers high definition graphics as standard for optimal viewing, monitoring, administration and configuration, eliminating the need and cost of a separate viewing and monitoring server.

The V1DEX offers a traditional formfactor without sacrificing performance. Built around the high performance 10th/11th/12th/13th generation Intel® Core™i3/i7/i5 Pentium® Processor and the Latest Intel® Pentium® Gold® Series Processor, the V1DEX Series offers high performance and bandwidth connectivity to meet the most demanding security monitoring center requirements.

Video Optimized

- V1DEX is optimized for the video surveillance industry, combining the performance and capacity required for the most demanding camera installations
- Offers high definition graphic card as standard for optimal viewing and monitoring (optional NVIDIA GeForce support)

Benefits

- Plug'n'play installation in less than 15 minutes
- Windows 10 PRO Operating System preinstalled as standard
- Highly reliable workstation, designed for 24/7 operation and optimized for low-power consumption for optimal viewing performance
- 2 screens simultaneously with onboard graphic card
- Up to 4 screens simultaneously with optional GPU
- Ultra-Fast Connectivity (USB3.1 Gen2)

Applications:

- Video Playback and Administration for CCTV
- Security Consultants, Powerful enough for Building Information Modeling and CAD Design

V1DEX Tower Series



Data sheet

Technical Specifications

Product Category	V1DEX Tower Series
Operating System	Windows 10 Enterprise LTSC
Processor	Support for Intel i3/i5/i7/i9 Generation 10th,11th, 12th and 13th, Intel Celeron G49xx series CPU Intel Pentium G54xx / G55xx / G56xx series CPU
Chipset	Intel® B560
Graphics (Standard)	Integrated Graphics Processor – Intel® HD Graphics Supports HDMI 1.4b with max. resolution 4096 x 2304 @ 60 Hz
Graphics (Optional)	Nvidia RTX A2000, Nvidia RTX A4000, Nvidia T1000, Compatible with any, Small/Full -Form Factor GPU card
Memory	2 x DIMM, Max 64GB
Expansion Slots	1 x PCIe 4.0 x16 slot 1 x PCIe 3.0 x1 slot
SATA	6x SATA 6Gb/s ports 1x M.2_1 slot 1x M.2_2 slot
Storage	SATA HDD: 1TB Upgradable
Optical Drive (optional)	Tray-in 24x writing speed, M-Disk™ Support, Silent Play, Jamless Play
LAN	1x Gigabit LAN
Audio	Realtek 7.1 Surround Sound High Definition Audio CODEC*
Front I/O Ports	1x Front Panel Jack (Microphone, Headphone) 1x USB 3.2 Type A 1x USB 2.0
Rear I/O Ports	1x PS/2 keyboard (purple) - 1x PS/2 mouse (green) 1x HDMI - 1x D-Sub - 1x DP port 1x LAN (RJ45) port 2x USB 3.2 Type-A 1x USB 3.2 Gen 1 USB Type-C™ 4x USB 2.0 3x Audio jacks
Power Supply	550W Power Supply
Voltage	110/220V AC
Dimensions - mm (D x W x H)	475.8 x 185 x 408
Weight	6.5 Kgs
Environment	Operation temperature: 10°C ~ 35°C / Non-operation temperature: -40°C ~ 70°C
Relative Humidity (%)	Non-operation humidity: 20% ~ 90% (Non condensing)
Accessories	Power Cord
Certification	BSMI/CB/CE/FCC/UL/ETL/CCC/VCCI/RoHS
Warranty Period	3 Years
BTU/Hr	1535.46

*Specifications are subject to change, without prior notice.

5:0 V1DEX Tower Series_ENG

