

Ness VMS5 Server - Fanless Mini PC

Model: 104-VMS5

CPU: Onboard Intel Celeron J1900 2.0GHz up to 2.41GHz
(Turbo boost Technology) Quad Core Four Threads

Product Highlight:

- Dual Gigabit Ethernet, 2 RS232 COM, 3 USB2.0 and USB3.0 rich interfaces.
- Support HDMI and VGA dual display output synchronously.
- Full Aluminum alloy black color chassis for heat dissipation, compact structure, light weight, flexible installation.
- Fanless system without cooling fan, fit for industrial grade field, work as long as 24 hours.
- Low consumption TDP only 10W, save much energy and eco-friendly.
- Can be mounted back of monitor by free VESA mount.



Basic Information:

CPU	Intel Celeron J1900
TDP	10W
BOIS	American Megatrends Inc
Chipset	Intel Bay Trail-D
Memory	1 x 204-pin SODIMM Sockets for un-buffered DDR3/DDR3L(Low Voltage 1.35V)-1333/1600 SDRAM 8GB RAM fitted
OS	Supports Windows 7/Windows 8/Windows 10/Linux
PXE	YES
Network	Onboard Realtek RTL8168/8111/8112 Gigabit Ethernet Controller 10/100Mbps/1000Mbps BaseT LAN
Video	Intel(R) HD Graphics Graphics Base Frequency 688 MHz Graphics Max Dynamic Frequency 854 MHz support VGA and HDMI full screen HD playback

Wi-Fi:

Module	1 x mini PCIE-half port for Wi-Fi Module, NOT INCLUDED
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Power and Working Environment:

Input	DC100-240V AC/50-60Hz
Output	DC 12V/3~5A
Operating Temperature	-10/+60 C
Storage Temperature	-20/+85 C
Relative Humidity	10%~90% (non-condensing)

Input/output port:

Switch	1 x Power On/Off Switch
Power	1 x 12V DC In
LED	1 x LED
USB	3 x USB2.0, 1 x USB3.0
Display	1 x HDMI, 1 x VGA
LAN	2 x RJ45 Giga LAN
Other	1 x Kensington Lock hole
Expansion ports	2 x COM ports

Storage:

MSATA	1 x M-SATA3.0 slot, 64GB MSATA SSD fitted, for OS only
SATA	1 x SATA3.0 slot for SATA HDD or SSD up to 2TB, supports 6Gb/s

Product Dimension & Details:

Size	136*126*43mm
Weight	Net 0.75kg, Gross 1.55kg
Shell	Black colour aluminum alloy
Cooling Mode	Fanless
Functions	Auto power on (Jumper option) , Wake On Lan, Kensington Lock

Package Content:

Standard	1xMini PC, 1xPower Supply, 1xPower Cord, 1xScrews Bag
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Ordering Information

104-VMS5-1TB-NX	Ness VMS5 Server, Linux, NX SERVER, 1TB SSD
104-VMS5-2TB-NX	Ness VMS5 Server, Linux, NX SERVER, 2TB SSD
104-VMS5-1TB-SP	Ness VMS5 Server, Linux, SPECTRUM SERVER, 1TB SSD
104-VMS5-2TB-SP	Ness VMS5 Server, Linux, SPECTRUM SERVER, 2TB SSD

Rev6 SSD



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