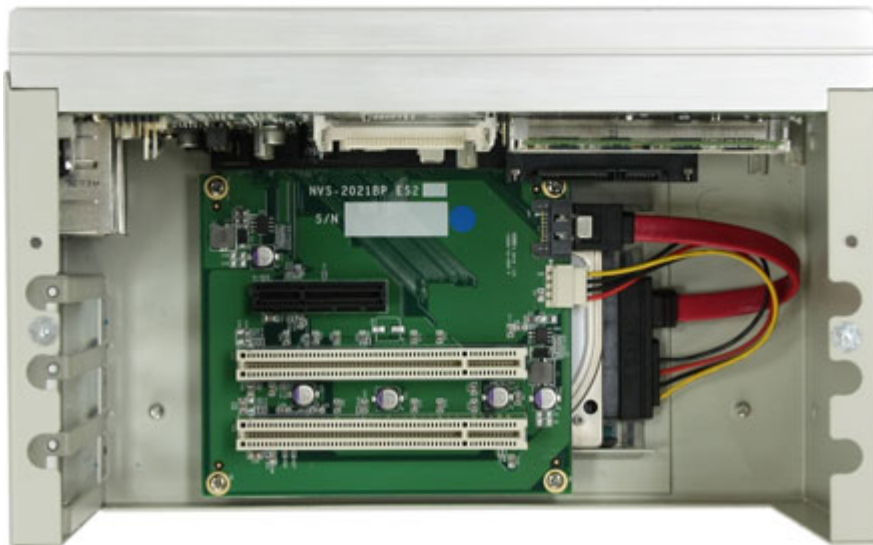




549.00 EUR

incl. 19% VAT, plus [shipping](#)

- -20 °C to 70 °C
- 4x COM
- 8-25V DC input !
- 2x PCI, 1x PCI-E !



Support:  [Specifications \[EN\]](#)

It is an Intel® Atom™ D525 IPC. It is, moreover, a reliable embedded fanless IPC. Nuvo-2000 accommodates up to three PCI/PCIe cards and two 2.5" hard drives in its shoe-box size. More than that, it provides versatile I/O interfaces such as COM ports, USB ports, Gigabit Ethernet port, parallel port and mini-PCIe port, not to mention that the isolated DIO channels can be integrated optionally into this compact box.

Leveraging Intel® Atom™ D525 1.8GHz dual-core processor, Nuvo-2000 delivers adequate computing performance for most Industrial applications. We also give Nuvo-2000 ingenious design mechanically and electronically so it can have a reliable, embedded fanless operation in the temperature range of -20 to 70°C.

Nuvo-2000 is designed for general-purpose usage. Its compact size, PCI/PCIe slots and simple yet useful I/O functions fit most applications where wall-mount IPC is currently deployed. And, what is more, the embedded fanless design of Nuvo-2000 gives you much more reliability than an ordinary IPC in all kinds of environments.

System Core

Processor

Intel® Atom™ D525 1.8GHz dual-core processor

Chipset

Intel® ICH8-M I/O Control Hub

Graphics	Integrated Intel® GMA 3150 graphics
Memory	1x 204-pin SO-DIMM socket, up to 4GB DDR3 800MHz SDRAM
Front-panel I/O Interface	
Ethernet	1x Intel® 82574L Gigabit Ethernet port
Video Port	1x DB-15 connector for analog RGB, supporting 2048x1563 resolution
Serial Port	1x software-programmable RS-232/422/485 (COM1) 1x RS-232 (COM2)
USB	4x USB 2.0 ports
KB/MS	1x 6-pin Mini-Din for PS/2 keyboard and mouse
Audio	1x Mic-in and 1x Speaker-out
Internal I/O Interface	
Serial Port	2x RS-232 (COM3 & COM4)
Parallel Port	1x Parallel port
Mini-PCIe	1x mini PCI Express slot with SIM socket
Isolated DIO	12-CH isolated DI + 12-CH isolated DO (Optional)
Storage Interface	
SATA HDD	2x Internal SATA ports for 2.5" HDD/SSD installation
CompactFlash	1x Type I & II CF socket
Expansion Bus	
PCI	3x PCI slots (Nuvo-2030) 2x PCI slots (Nuvo-2021) 1x PCI slot (Nuvo-2010)
PCI Express	1x PCI Express x4 slot (Nuvo-2021 only)
Power Supply	
DC Input	Built-in 8~25 VDC DC input
Input Connector	1x 2-pin pluggable terminal block for DC input 1x DC jack (ø2.5) for AC/DC adapter input
Mechanical	
Dimension	141 mm (W) x 157mm (H) x 226 mm (D)
Weight	2.9 kg (including one 2.5" HDD and DDR3 SODIMM)
Mounting	Wall-mount by mounting bracket
Environmental	
Operating Temperature	Standard model: -20°C~70°C, 100% CPU loading */** Extended temperature model: -20°C~70°C, 100% CPU loading */**
StorageTemperature	-40°C ~ 85°C
Humidity	10%~90%, non-condensing
Vibration	Operating, 5 Grms, 5-500 Hz, 3 Axes (w/ SSD, w/o add-on card, according to IEC60068-2-64)
Shcok	Operating, 50 Grms, Half-sine 11 ms Duration (w/ SSD, w/o add-on card, according to IEC60068-2-27)
EMC	CE/FCC Class A, according to EN 55022 & EN 55024

