

698.00 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, 2x Gigabit Ethernet port, parallel 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.

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	2x 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
Audio	1x Mic-in and 1x Speaker-out
Internal I/O Interface	
Video port	1x Optional 2nd VGA output via flat cable, supporting 1366x768 resolution
Serial Port	2x RS-232 (COM3 & COM4)
Parallel Port	1x Parallel port
Isolated DIO	8-CH isolated DI + 8-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+)
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

