



## 698.00 FUR

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.

## Nuvo-2021+ (Intel Atom D525, 2xPCI, 1xPCI-E, 2x LAN) [FANLESS]

[http://www.minipc.de/catalog/il/1643]



Processor Intel® Atom™ D525 1.8GHz dual-core processor Intel® ICH8-M I/O Control Hub Chipset Graphics Integrated Intel® GMA 3150 graphics 1x 204-pin SO-DIMM socket, up to 4GB DDR3 800MHz SDRAM Memory Front-panel I/O Interface Ethernet 2x Intel® 82574L Gigabit Ethernet port 1x DB-15 connector for analog RGB, supporting 2048x1563 Video Port resolution 1x software-programmable RS-232/422/485 (COM1) Serial Port 1x RS-232 (COM2) USB 4x USB 2.0 ports Audio 1x Mic-in and 1x Speaker-out Internal I/O Interface 1x Optional 2nd VGA output via flat cable, supporting 1366x768 Video port 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** 3x PCI slots (Nuvo-2030) PCI 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 1x 2-pin pluggable terminal block for DC input Input Connector 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) Wall-mount by mounting bracket Mounting Environmental Standard model: -20°C~70°C, 100% CPU loading \*/\*\* Operating Temperature Extended temperature model: -20°C~70°C, 100% CPU loading \*/\*\*

-40°C ~ 85°C StorageTemperature

Humidity 10%~90%, non-condensing

Operating, 5 Grms, 5-500 Hz, 3 Axes Vibration

(w/ SSD, w/o add-on card, according to IEC60068-2-64)

Operating, 50 Grms, Half-sine 11 ms Duration Shcok

(w/ SSD, w/o add-on card, according to IEC60068-2-27)

**EMC** CE/FCC Class A, according to EN 55022 & EN 55024

