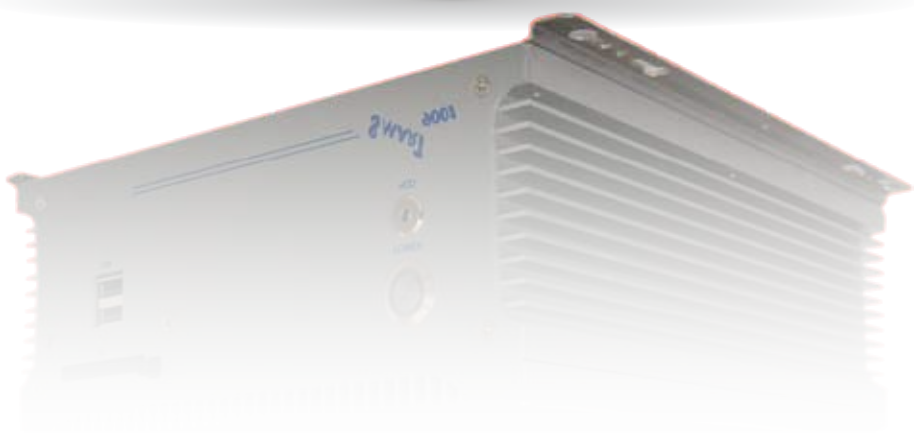


# SMART-9001



## EMBEDDED FAN-LESS IPC

Intel Core 2 Duo 1.2GHz

Fan-less Chassis

DDR2 Memory

Hard Disk or Solid State Disk

1 x PCI Expansion Slot

6 x USB Ports

PS/2 Mouse & Keyboard Port

12VDC/AC Power Adapter

Front Compact Flash Slot



RS232/422/485



# SMART-9001 Core 2 Duo 1.2GHz

## The SMART-9001 Industrial Embedded Fan-less PC with Intel Core 2 Duo 1.2GHz Processor



The SMART series embedded IPC embraces a unique fan-less design which greatly reduces the power consumption and the absence of forced cooling reduces noise.

The rugged, compact structure is designed to meet space challenging applications and can be adapted to different installation requirements. A high vibration specification further increases suitability for harsh operating environments.

The SMART-9001 supports the Intel Core 2 Duo 1.2GHz processor for high processing performance and low power consumption and can be equipped with both SATA Hard Disk Drive, Solid State Storage media or easily accessed Compact Flash from the front panel. Memory can be upgraded to 4GB.

SMART delivers superior performance, scalability and network interoperability making it suitable for Industrial Automation, Telecommunications and Mobile applications alike.

### NemaVision-iPC

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| MODEL                        | SMART-9001  |
|------------------------------|---|
| <b>CPU</b>                   | Intel® Core 2 Duo 1.2GHz  |
| <b>Chipset</b>               | Intel 945GSE + ICH7M  |
| <b>Memory (standard)</b>     | 1G DDR2 SODIMM, Up to 4GB   |
| <b>Storage</b>               | 320GB 2.5" SATA HDD   |
| <b>Expansion Slot</b>        | 1 x PCI slot  |
| <b>Housing</b>               | Embedded Fan-less Chassis; all aluminium  |
| <b>Cooling</b>               | Fan-less  |
| <b>I/O Port</b>              | 2 x Ethernet 10/100/1000M (RJ45)<br>6 x USB 2.0, (2 front, 4 Rear)<br>VGA (DB15), DVI<br>1 x PS2 Keyboard / 1 x PS/2 Mouse<br>2 x RS232<br>1 x Front CF-Slot<br>1 x Audio In, 2 x Audio Out |
| <b>Power input</b>           | 12VDC Input including 80W AC Power Adapter  |
| <b>Installation Type</b>     | Wall or Bench Mount   |
| <b>GRAPHICS</b>              |   |
| <b>Graphic Controller</b>    | Intel GMA950  |
| <b>SIZE AND WEIGHT</b>       |   |
| <b>Dimension (W×H×D)</b>     | 225mm(W) × 92mm(H) × 264mm(D)   |
| <b>Weight</b>                | 4.9kg   |
| <b>ENVIRONMENT</b>           |   |
| <b>Operating Temperature</b> | 0 to 60°C   |
| <b>Storage Temperature</b>   | -20 to 70°C   |
| <b>Humidity</b>              | 5 to 95% (Non-condensing)   |
| <b>Certification</b>         | FCC, CE   |



DST-SMART-9001-Rev A. NemaVision-iPC is a trading name of Nematron Europe Ltd.