

# SMART-T2100



## EMBEDDED FAN-LESS IPC

Intel Atom D525 1.8GHz

Fan-less Chassis

DDR3 Memory

Hard Disk or Solid State Disk

2 x 10/100/1000M Ethernet

8 x 2.0 USB Ports (4 Front, 4 Rear)

6 x RS232/422/485 Ports

1 x PCI Expansion Slot

24VDC/AC Power Adapter



RS232/422/485



FAN  
LESS



# SMART-T2100 Atom D525 1.8GHz



The SMART-T2100 Industrial Embedded Fan-less PC with Intel Atom D525 1.8GHz 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-T2100 supports the Intel D525 processor for high processing performance and low power consumption and can be equipped with both SATA Hard Disk Drive or Solid State Storage media.

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

MODEL	SMART-T2100
<b>CPU</b>	Intel® Atom D525 1.8GHz
<b>Chipset</b>	Intel ICH8M
<b>Memory (standard)</b>	2G DDR3 SODIMM, Up to 4GB
<b>Storage</b>	500GB 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) 4 x USB 2.0 Front 4 x USB 2.0 Rear VGA (DB15) 8-Bit GPIO 4 x DB9 (RS232/422/485) 2 x 9pin (RS232/422/485)
<b>Power input</b>	24VDC, including 80W AC Power Adapter
<b>Installation Type</b>	Wall or Bench Mount
<b>GRAPHICS</b>	
<b>Graphic Controller</b>	On Board
<b>SIZE AND WEIGHT</b>	
<b>Dimension (W×H×D)</b>	275mm(W) × 90mm(H) × 203mm(D)
<b>Weight</b>	2.7 kg
<b>ENVIRONMENT</b>	
<b>Operating Temperature</b>	0 to 50°C
<b>Storage Temperature</b>	-20 to 70°C
<b>Humidity</b>	10 to 90% (Non-condensing)
<b>Certification</b>	FCC, CE

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DST-SMART-T2100-Rev A. NemaVision-iPC is a trading name of Nematron Europe Ltd.