

SMART-9002



EMBEDDED FAN-LESS IPC

Intel ATOM CPU N270 1.6GHz

Fan-less Chassis

DDR2 Memory

Hard Disk or Solid State Disk

1 x PCI Expansion Slot

5 x USB Ports

12VDC/AC Power Adapter

24VDC Option

Front Compact Flash Slot



RS232/422/485



The SMART-9002 Industrial Embedded Fan-less PC with Intel Atom N270 Processor



SMART-9002 Atom N270

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 latest Intel Atom 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 2GB.

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

NemaVision-iPC

27 Hercules Way
Aeropark
Farnborough GU14 6UU
United Kingdom

T: +44 (0)1252 370030

F: +44 (0)1252 373767

MODEL	SMART-9002
CPU	Intel® Atom N270 CPU 1.6GHz
Chipset	Intel 945GSE + ICH7M
Memory (standard)	1G DDR2 SODIMM, Up to 2G
Storage	320GB 2.5" SATA HDD
Expansion Slot	1 x PCI slot
Housing	Embedded Fan-less Chassis; all aluminium
Cooling	Fan-less
I/O Port	1 x Ethernet 10/100/1000M (RJ45) 5 x USB 2.0, (2 front, 3 Rear) VGA (DB15) DVI 2 x RS232 1 x Front CF-Slot 1 x Parallel Port
Power input	12VDC Input Jack including 80W AC Power Adapter
Installation Type	Wall or Bench Mount
GRAPHICS	
Graphic Controller	Intel GMA950
SIZE AND WEIGHT	
Dimension (W×H×D)	203mm(W) × 112mm(H) × 280mm(D)
Weight	4.85kg
ENVIRONMENT	
Operating Temperature	0 to 50°C
Storage Temperature	-20 to 70°C
Humidity	5 to 95% (Non-condensing)
Certification	FCC, CE



DST-SMART-9002-Rev A. NemaVision-iPC is a trading name of Nematron Europe Ltd.