

NPC-8000 Emedded IPC



◆ Specifications

Model NPC-8000	
CPU	
Default Configuration	Intel® Core™ i3 2.1GHz, 3M Cache, 64 Bit, Dual-Core
Option	PGA988 Socket support Intel® Core™ i3/i5/i7/Pentium®/Celeron® Mobile Processor
Chipset	
Southbridge	Intel® QM77
Memory	
Default Configuration	2GB DDR3 SODIMM (2×SODIMM, Support dual-channel)
Max.	16GB
Slots	
PCI	1
PCI-Ex1	1
PCI-Ex4 (non-standard)	2 (with PCI-Ex1)
PC104+	1
Storage	
Default Configuration	1×500G (With 24×7 operation)
Option	CF, DOM, HDD (2.5"), SSD
I/O Interface	
Serial Port	Standard: 2 (RS232/422/485 2.5KV isolation / 2KV surge protection) Option increase: 4, 8(RS232/485 2.5KV2.5 KV isolation / 2KV surge protection, RS-422 option) Option increase: 16, 24 (terminal, RS-232/485 2.5KV2.5 KV isolation / 2KV surge protection) Max: 26 Ports
Parallel Port	1 (built-in)
USB	Standard: 2×USB 2.0 (front), 2×USB 3.0 (rear); 2×USB 2.0 (internal), Internal USB Key Port

SATA	1×SATA 2.0, 2×SATA 3.0 (support RAID 0/1/5/10)
eSATA	1 (front, share with internal USB)
CF slot	TYPE-II
IDE DOM	40PIN
SATA DOM	2.5" Half SATA
USB DOM	1
Ethernet	Standard: 8×10/100/1000M Option increase: 4, 8
GPIO	16-Bit
Audio	1×Line-out, 1×Mic-In
K&M Port	1×PS/2 Keyboard & Mouse (share with Y-Cable)
Display	
Video Port	1×VGA, 2×HDMI
Video Memory	On board, DVTM
Monitoring	
Watchdog	0~255 Sec
Power	
Default Configuration	110~220V AC/DC
Option	24~48V AC/DC, 500ms Delay, Redundant Power
Others	
Keyboard & Mouse	PS/2 Keyboard & 3D USB Mouse (Option)
Cooling	Fanless
Mounting	Desktop, Rackmount
Environmental	
Operating Temperature	-10~55℃
Storage Temperature	-30~70℃
Relative Humidity	5~95% (non-condensing)
Dimensions (W×H×D)	2U: 483mm×89mm×330mm 3U: 483mm×133mm×330mm
Certification	FCC, CE, CCC



Shanghai Nematron Technology Co., Ltd.

245 Xinjun Ring Road, Suite D302 Caohejing Pujiang Hi-Tech Park, Shanghai 201114, China

Tel: +86 21 5109 6600

Fax: +86 21 5426 3008