

VE412MD Rackmount IPC



◆ Specifications

Model		VE412MD
CPU		
Default Configuration	Intel® Pentium® Dual-Core™ 3.3GHz, 3M Cache, 64 Bit, Dual-Core	
Option	4th Intel® Core™ i3/i5/i7/Pentium®/Celeron® CPU series (LGA1150 Socket)	
Chipset		
Southbridge	Intel® H81	
Memory		
Default Configuration	1×4GB DDR3 (2×DIMM, Support dual-channel)	
Max.	16GB	
Slots		
PCI-Ex16	1	
PCI-Ex4	1 (w/ x1 Link)	
PCI-Ex1	1	
PCI	4	
Mini-PCIe	1 (full-size, share with mSATA)	
Storage		
Default Configuration	1×3TB (With 24×7 operation)	
Option	HDD (3.5"), SSD, mSATA	
Driver		
Default Configuration	DVD-ROM	
Option	DVD-RW	
I/O Interface		
Serial Port	Standard: 2×RS-232 (internal lead to external); 2×RS-232/422/485, 6×RS-232 (internal optional)	
Parallel Port	1	
USB	Standard: 4×USB 2.0 (2 front, 2 rear), 2×	

	USB 3.0 (rear); 2×USB 2.0 (internal optional)
SATA	1×SATA 2.0, 2×SATA 3.0, 1×mSATA
Ethernet	2×10/100/1000M (Intel® Network chip)
Audio	1×Line-in, 1×Line-out, 1×Mic
K&M Port	1×PS/2 Keyboard, 1×PS/2 Mouse
Display	
Video Port	1×VGA, 1×HDMI
Video Memory	On board, DVMT
Option	Pluggable PCI-Ex16 graphics card
Monitoring	
Watchdog	0~255 Sec
Power	
Default Configuration	ATX PS2 power
Others	
Keyboard & Mouse	Standard: USB Keyboard & 3D USB Mouse
Environmental	
Operating Temperature	0~50℃
Storage Temperature	-20~70℃
Relative Humidity	10~90% (non-condensing)
Vibration	1.5g
Shock	10g
MTBF	50,000 hrs
Dimensions (W×H×D)	483mm×177mm×450mm
Chassis	1×12cm front fan, 2×8cm rear fans
Certification	FCC, CE



Shanghai Nematron Technology Co., Ltd.
 189 Xinjun Ring Road, Suite C309 Caohejing Pujiang Hi-Tech Park, Shanghai 201114, China
 Email: marketing@nematron.com.cn