



1U Server Blade

Image:



1U Blade Server. Spare parts for Twin Blade 1U or 9-Blade 5U servers. Mini-ITX form factor. Two (2) x 3.5inch HDD/SSD or Four (4) x 2.5inch HDD/SSD drive bays. Five (5) x case fans. 1U Flex PSU. Universal I/O shield. Case dimension: 9.5" x 1.75" x 21.65".

Notes:

1. The Universal I/O Shield will be included with the barebone, if ordered without a systemboard.
2. When a systemboard is selected:
 - A custom I/O shield will be provided.
 - Memory options, Storage options and pre-installed Software options will become available.
3. Please refresh the page before selecting a new systemboard! It resets and starts a new configuration.

Weight: 13 lb
Price: \$199.99
\$199.99
Case 1U Blade Server

Systemboard



Quantity *

Catalog: [Server Blade](#) [1]

SKU: RM1U Blade

Specs on Jetway NF9N (1.83Ghz Intel N2930)

Intel Celeron N2930	
# of Cores	4
# of Threads	4
Processor Base Frequency	1.83Ghz
TDP	7.5W
Graphic Processor	Intel HD Grapghics
CPU Mark (2016)	1661
Jetway NF9N-2930 Motherboard	
Chipset	- Integrated with Intel® Bay Trail-D/M/I series
System Memory	- 2 x SODIMM, Max 8GB, DDR3L
Onboard LAN	- Built-in: 1 x Intel i211AT Gigabit Ethernet - Daughterboard: 4 x Intel i82574L Gigabit Ethernet - Total of 5 Gigabit Ethernet Port on the motherboard
Onboard SATA II	- 2 x SATA 3Gb/s ports - 1 x mSATA (Full size)
Expansion Slots	- 1 x PCIe 2.0 x1
Back Panel I/O	- 12V DC-in Jack - VGA - Serial Port - 1 x USB 3.0 (blue) - 1 x USB 2.0 - 4 x RJ-45 LAN
Form factor	- mini-ITX
Software Compatibility	
Windows	- Windows 7, 8, 10
Linux Distribution	- Arch - CentOS - Debian - openSUSE - Ubuntu



	- Contact Tech Support for other distributions
BSD	- FreeBSD - OpenBSD
Firewall Distribution	- IPCop - OpnSense - pfSense - Contact Tech Support for other firewall distributions
Telephony	- Asterisk - FreePBX - FreeSwitch - Elastix - Check with Tech Support for Telephony cards
Others	- Contact tech support at support@hacom.net [2]

Specs on Jetway NF9G-QM77 (Intel Core i7-3630QM)

Intel Core i7-3630QM	
# of Cores	4
# of Threads	8
Processor Base Frequency	2.4Ghz
TDP	45W
Graphic Processor	Intel HD Grapghics 4000
CPU Mark (2016)	7617
Jetway NF9G-QM77 Motherboard	
Chipset	- Intel QM77 (AKA Panther Point)
System Memory	- 2 x SODIMM, Max 16GB, DDR3
Onboard LAN	- Built-in: 1 x Intel i82579LM and 1 x Intel i82574L Gigabit Ethernet - Daughterboard: 4 x Intel i82574L Gigabit Ethernet - Total of 6 Gigabit Ethernet Port on the motherboard
Onboard SATA	- 2 x SATA3 6Gb/s ports - 4 x SATA2 3Gb/s ports - Only 2 x 2.5inch HDD/SSD available mounting places in the case
Expansion Slots	- 1 x PCIe 3.0 x16
Back Panel I/O	- 2 x USB 3.0 (blue)



	<ul style="list-style-type: none"> - HDMI, VGA - Serial Port - 2 x USB 2.0 - 1 x Display Port - 6 x RJ-45 LAN - 3 Audio Jacks
Form factor	- mini-ITX
Software Compatibility	
Windows	- Windows 7, 8, 10
Linux Distribution	<ul style="list-style-type: none"> - Arch - CentOS - Debian - openSUSE - Ubuntu - Contact Tech Support for other distributions
BSD	<ul style="list-style-type: none"> - FreeBSD - OpenBSD
Firewall Distribution	<ul style="list-style-type: none"> - IPCop - OpnSense - pfSense - Contact Tech Support for other firewall distributions
Telephony	<ul style="list-style-type: none"> - Asterisk - FreePBX - FreeSwitch - Elastix - Check with Tech Support for Telephony cards
Others	- Contact tech support at support@hacom.net [2]

Specifications on the ASRock H270M-ITX/ac (Intel Core i7-7700)

Intel Core i7-7700	
# of Cores	4
# of Threads	8
Processor Base Frequency	3.6Ghz
TDP	65W
Graphic Processor	Intel HD Graphics
CPU Mark (2017)	10,973
ASRock H270M-ITX/ac Motherboard	
Chipset	- Intel H270



System Memory	- 2 x DIMM, Max 32GB, DDR4
Onboard LAN	- Two (2) ports: 1 x i219V and 1 x i211V Gigabit Ethernet - Intel 802.11ac WiFi
Onboard SATA II	- 6 x SATA3 6Gb/s ports - Only 2 x 2.5inch HDD/SSD available mounting places
Expansion Slots	- 1 x PCIe 2.0 x16
Back Panel I/O	- 1 x PS/2 - 1 x DVI, 2 x HDMI - 2 LAN (RJ-45) Port - 6 x USB 3.0 (blue) - 2 x USB 2.0 - 3 x Audio Jacks - 2 x Antenna Ports
Form factor	- mini-ITX
Software Compatibility	
Windows	- Windows 10
Linux Distribution	- Arch - CentOS - Debian - openSUSE - Ubuntu - Contact Tech Support for other distributions
BSD	- FreeBSD - OpenBSD
Firewall Distribution	- IPCop - OpnSense - pfSense - Contact Tech Support for other firewall distributions
Telephony	- Asterisk - FreePBX - FreeSwitch - Elastix - Check with Tech Support for Telephony cards
Others	- Contact tech support at support@hacom.net [2]

Specs on ASRock C2750D4I Motherboard

Intel® Octa Core Avoton C2750	
# of Cores	8



# of Threads	8
Processor	Intel® Octa Core Avoton C2750 Processor
TDP	20W
Graphic Processor	ASPEED AST2300
CPU Mark (2016)	3800
ASRock C2750D4I Motherboard	
Chipset	- Intel® Octa Core Avoton C2750
System Memory	- 4 x DDR3 DIMM, Max 64GB DDR3 UDIMM
Onboard LAN	- 2 x Intel i210 Gigabit Ethernet - 1 x Realtek RTL8211E for dedicated management LAN
Onboard SATA	- Intel® C2750 : 2 x SATA3 6.0 Gb/s, 4 x SATA2 3.0 Gb/s - Marvell SE9172: 2 x SATA3 6.0 Gb/s, support RAID 0, 1 - Marvell SE9230: 4 x SATA3 6.0 Gb/s, support RAID 0, 1, 10 - Only 2 x 2.5inch HDD/SSD available mounting places
Expansion Slots	- 1 x PCIe 2.0 x8
Back Panel I/O	- 1 x Serial Port - 1 x VGA D-Sub - 2 LAN (RJ-45) port - 1 IPMI LAN (RJ45) Port - 2 x USB 2.0
Form factor	- mini-ITX
Software Compatibility	
Windows	- Windows 7, 8, 10
Linux Distribution	- Arch - CentOS - Debian - openSUSE - Ubuntu - Contact Tech Support for other distributions
BSD	- FreeBSD - OpenBSD
Firewall Distribution	- IPCop - OpnSense - pfSense - Contact Tech Support for other firewall distributions
Telephony	- Asterisk



	<ul style="list-style-type: none"> - FreePBX - FreeSwitch - Elastix - Check with Tech Support for Telephony cards
Others	- Contact tech support at support@hacom.net [2]

Specifications of the Supermicro A1SAi-2750F (C2750 CPU)/A1SRi-2758F (C2758 CPU)

Intel® Atom C2758	
# of Cores	8
# of Threads	8
Processor	2.4Ghz Intel® Atom C2758 or C2750 Processor
TDP	20W
Graphic Processor	ASPEED AST2300
CPU Mark (2016)	3162 (for C2758) or 3800 (for C2750)
Supermicro A1SAi-2750F Motherboard	
Chipset	- Intel® Atom C2758/C2750
System Memory	- 4 x ECC Non-Buffered DDR3 SODIMM, Max 64GB DDR3
Onboard LAN	- 4 x Intel i354 Gigabit Ethernet - 1 x Aspeed AST 2400 BMC for dedicated management LAN
Onboard SATA	- Intel® C2758 : 2 x SATA3 6.0 Gb/s, 4 x SATA2 3.0 Gb/s - Only 2 x 2.5inch HDD/SSD available mounting places
Expansion Slots	- 1 x PCIe 2.0 x8
Back Panel I/O	- 1 x Serial Port - 1 x VGA D-Sub - 4 LAN (RJ-45) port - 1 IPMI LAN (RJ45) Port - 2 x USB 3.0 - 2 x USB 2.0
Form factor	- mini-ITX
Software Compatibility	
Windows	- Windows 7, 8, 10
Linux Distribution	- Arch - CentOS - Debian



	<ul style="list-style-type: none"> - openSUSE - Ubuntu - Contact Tech Support for other distributions
BSD	<ul style="list-style-type: none"> - FreeBSD - OpenBSD
Firewall Distribution	<ul style="list-style-type: none"> - Ipcop - OpnSense - pfSense - Contact Tech Support for other firewall distributions
Telephony	<ul style="list-style-type: none"> - Asterisk - FreePBX - FreeSwitch - Elastix - Check with Tech Support for Telephony cards
Others	- Contact tech support at support@hacom.net [2]

Specifications on Supermicro X10SDV-12C-TLN4F/X10SDV-12C-TLN4F (Intel Xeon D-1557)

Intel® Xeon D-1557	
# of Cores	12
# of Threads	24
Processor	1.5Ghz Intel® Xeon D-1557 Processor
TDP	45W
Graphic Processor	ASPEED AST2400
CPU Mark	
Supermicro X10SDV-12C-TLN4F Motherboard	
Chipset	- D-1557 SOC
System Memory	- 4 x ECC Non-Buffered DDR4 DIMM, Max 64GB
Onboard LAN	<ul style="list-style-type: none"> - 2 x Intel i350-MA2 Gigabit Ethernet - 2 x Intel X550 10GbE with 10GBase-T (X10SDV-12C-TLN4F) or SPF+ (X10SDV-12C-TLN4F+) interfaces - 1 x Aspeed AST 2400 BMC for dedicated management LAN (IPMI)
Onboard SATA	<ul style="list-style-type: none"> - 6 x SATA3 6.0 Gb/s - Only 2 x 2.5inch HDD/SSD available mounting places
Expansion Slots	- 1 x PCIe 3.0 x16
Back Panel I/O	- 1 x Serial Port



	<ul style="list-style-type: none"> - 1 x VGA D-Sub - 2 x Gigabit LAN (RJ-45) Ports - 2 x 10 Gigabit LAN (RJ-45) or 2 x 10 GbE SPF+ Ports - 1 IPMI LAN (RJ45) Port - 2 x USB 3.0
Form factor	- mini-ITX
Software Compatibility	
Windows	- Windows 10
Linux Distribution	<ul style="list-style-type: none"> - Arch - CentOS - Debian - openSUSE - Ubuntu - Contact Tech Support for other distributions
BSD	<ul style="list-style-type: none"> - FreeBSD - OpenBSD
Firewall Distribution	<ul style="list-style-type: none"> - IPCop - OpnSense - pfSense - Contact Tech Support for other firewall distributions
Telephony	<ul style="list-style-type: none"> - Asterisk - FreePBX - FreeSwitch - Elastix - Check with Tech Support for Telephony cards
Others	- Contact tech support at support@hacom.net [2]

Documentation and References

1. Jetway NF9N (1.83Ghz Intel N2930)
 - [Specifications of the 1.83Ghz N2930](#) [3]
 - [The User's Manual for the Jetway NF9N system-board](#) [4]
2. ASRock H270M-ITX/ac (3.6Ghz Intel Core i7-7700)
 - [Specifications of the 3.6Ghz Intel Core i7-7700](#) [5]
 - [The User's Manual for the ASRock H270M-ITX/ac system-board](#) [6]
3. Supermicro A1SAi-2750F (C2750 CPU)/A1SRi-2758F (C2758 CPU)
 - [Specifications of the 2.4 Ghz Intel® AtomC2750 Processor](#) [7]
 - [Specifications of the 2.4 Ghz Intel® AtomC2758 Processor](#) [8]
 - [The User's Manual for the SUPERMICRO A1SRi-2758F/A1SAi-2750F system-board](#) [9]
 - [The Quick-Reference Guide for the SUPERMICRO A1SRi-2758F/A1SAi-2750F](#) [10]
4. ASRock C2750D4I Motherboard
 - [Specifications of the 2.4 Ghz Intel® Octa Core Avoton C2750 Processor](#) [7]
 - [The User's Manual for the ASRock C2750DI system-board](#) [11]
 - [The IPMI Configuration Guide for the ASRock C2750D4I](#) [12]



- [Marvell SATA3 RAID Installation Guide for the ASRock C2750D4I](#) [13]
- 5. Supermicro X10SDV-12C-TLN4F/X10SDV-12C-TLN4F+ Motherboards
 - [Specifications of the 1.5 Ghz Intel® Xeon D-1557 Processor](#) [14]
 - [The User's Manual for the SUPERMICRO X10SDV-12C-TLN4F system-board](#) [15]
 - [The Quick-Reference Guide for the SUPERMICRO X10SDV-12C-TLN4F](#) [16]
 - [The User's Manual for the SUPERMICRO X10SDV-12C-TLN4F+ system-board](#) [17]
 - [The Quick-Reference Guide for the SUPERMICRO X10SDV-12C-TLN4F+](#) [18]

Support & Warranty

Support Information

- Send us e-mail on support questions. E-mail: support@hacom.net [2]
- Contact us by phone: 567-859-9422
- Submit a question via [a web form](#) [19].
- We will answer pre-sale and support questions within a business day

Warranty

- One-Year Limited Warranty.

Additional Information

- [Terms and Conditions](#) [20]
- [Shipping and Returns](#) [21]

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Links

- [1] <https://www.hacom.net/catalog/server-blade>
- [2] <mailto:support@hacom.net>
- [3] http://ark.intel.com/products/81073/Intel-Celeron-Processor-N2930-2M-Cache-up-to-2_16-GHz
- [4] <https://www.hacom.net/sites/default/files/doc/G03-NF9N-F.pdf>
- [5] https://ark.intel.com/products/97128/Intel-Core-i7-7700-Processor-8M-Cache-up-to-4_20-GHz
- [6] <https://www.hacom.net/sites/default/files/doc/H270M-ITXac.pdf>
- [7] https://ark.intel.com/products/77987/Intel-Atom-Processor-C2750-4M-Cache-2_40-GHz
- [8] https://ark.intel.com/products/77988/Intel-Atom-Processor-C2758-4M-Cache-2_40-GHz
- [9] <https://www.hacom.net/sites/default/files/doc/MNL-1555.pdf>
- [10] <https://www.hacom.net/sites/default/files/doc/QRG-1555.pdf>
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- [12] https://www.hacom.net/sites/default/files/doc/IPMI_Configuration_Guide.pdf
- [13] https://www.hacom.net/sites/default/files/doc/Marvell_SATA3_RAID_Installation_Guide.pdf
- [14] https://ark.intel.com/products/93364/Intel-Xeon-Processor-D-1557-18M-Cache-1_50-GHz
- [15] <https://www.hacom.net/sites/default/files/doc/MNL-1726.pdf>
- [16] <https://www.hacom.net/sites/default/files/doc/QRG-1726.pdf>



- [17] <https://www.hacom.net/sites/default/files/doc/MNL-1903.pdf>
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