

NSF1061i



1U Rackmount Intel® C3000 Denverton Platform Network with 6 x 1GbE Copper LAN Ports, VGA, Bypass Function Option



Specifications

System	
Form Factor	1U Rackmount Network Platform
Processor	Intel® Atom® processor C3758, 8 cores 2.2G, 16MB L2 Cache TDP 25W Intel® Atom® processor C3558, 4 cores 2.2G, 8MB L2 Cache TDP 16W Intel® Atom® processor C3338, 2 cores 1.5G, 4MB L2 Cache, TDP 8.5W
System Memory	2 x DDR4-2400 288 Pin Long-DIMM ECC/ Non-ECC memory, Max. 32GB
Network	
Ethernet	6 x Copper ports. Support one pair LAN bypass (option) Support 10/100/1000 link speed
Display	
Graphic Controller	VGA
Connector	VGA Connector
Storage	
HDDs	2 x SATA-6Gbps interface 1 x Internal 2.5" HDD bay via SATA III connection
CF	1 x C-Fast card socket
M.2	1 x NGFF/ M.2 socket
Internal/ Expansion Interface	
PCIe slot	1 x PCI Express x4 Slot (8 cores CPU supports only) 1 x mini-PCIe support full length Mini card
Miscellaneous	
FAN	Support two Fan for System Fan design
Color	Gray
Power Input	
Power Requirement	1 x ATX Power Source Connector

Features

- Processor: Single Intel® Denverton™ Processor
Intel® Atom® processor C3758, 8 cores 2.2G, 16MB L2 Cache, TDP 25W
Intel® Atom® processor C3558, 4 cores 2.2G, 8MB L2 Cache TDP 16W
Intel® Atom® processor C3338, 2 cores 1.5G, 4MB L2 Cache, TDP 8.5W
- 2 x DDR4-2400 288 Pin Long-DIMM ECC/ Non-ECC memory Max. 32GB
- 1 x C-Fast card socket, 2 x SATA 7P Connector for SATA 6 Gbps
- 6 x Copper ports, Support one pair LAN bypass (option)
Support 10/100/1000 link speed
- 1 x mini-PCIe support full length WiFi module
- 1 x PCI Express x4 Slot (8 cores CPU supports only)
- LCM with Keypad x 1

Environmental Parameters and Dimension	
Operating Temperature	0 ~ 60° C (32 ~ 140° F)
Shock	TBD
Motherboard Dimension (W X D X H)	170mm x 170mm Mini - ITX Board With standard 1U Chassis
I/O Interfaces	
Front Panel	Power status/HDD status/LAN status/Bypass 2 x USB 3.0 Type A port 1 x RJ45 type console port 1 x MGT RJ45 port 6 x Copper ports (Option 2 x Lan bypass ports) 1 x VGA port
Rear Panel	1 x Power Switch Button
Internal Interface	
	1 x TPM Header 1 x UART Header 1 x LCM display (Optional)
OS Support	
	Linux Kernal 3.2.75 Ubuntu 17.04 LTS Cent OS 7.3 Windows Server 2016

Ordering Information

NO Lan Bypass	
NSF-1017	1061i Intel® Denverton-NS Atom® C3758 8Cores 6 Copper LAN ports, VGA
NSF-1019	1061i Intel® Denverton-NS Atom® C3558 4Cores 6 Copper LAN ports, VGA
NSF-101B	1061i Intel® Denverton-NS Atom® C3338 2Cores 6 Copper LAN ports, VGA
With Lan Bypass	
NSF-1011	1061i Intel® Denverton-NS Atom® C3758 8Cores 6 Copper LAN ports, VGA, LAN BYPASS
NSF-1013	1061i Intel® Denverton-NS Atom® C3558 4Cores 6 Copper LAN ports, VGA, LAN BYPASS
NSF-1015	1061i Intel® Denverton-NS Atom® C3338 2Cores 6 Copper LAN ports, VGA, LAN BYPASS

