



Network Appliance with Intel Atom Processor



Features

Supports Intel® Atom™ Processor

GbE RJ45 implemented by Intel® i210 for management

Zharf Firmware

Specification	ZA-101	ZA-102	Future Products	Future Products
Processor				
CPU	Intel Atom E3825	Intel Atom E3845	Intel Atom C2558	Intel Atom C37xx
Core Number	2	4		8
Frequency	1.33 GHz	1.91GHz	2.4Ghz	1.70 GHz-2.4GHz
L2 Cache	1 MB	2 MB	2M	16 MB
Firmware	Zharf Firmware	Zharf Firmware	Zharf Firmware	Zharf Firmware
Memory				
Technology	DDR3L 1066 MHz	DDR3L 1333 MHz	DDR3/3L-1600	2 × DDR4-2133 2 × DDR3L-1600
Max. Capacity	2-4 GB	2- 4 GB	8GB	16GB
Ethernet				
Speed	10/100/1000 Mbps	10/ 100/ 1000 Mbps	10/100/1000 Mbps	10/100/1000 Mbps
Controller	Intel I210	Intel I210	Intel I210	Intel I210
Controller	RTL8111	RTL8111		
Connector	RJ45 x 4	RJ45 x 4	RJ45 x10	RJ45 x16
Storage				
SATA	up to 3Gb/s (300 MB/s)	up to 3Gb/s (300 MB/s)	up to 3Gb/s (300 MB/s)	Up to 6Gb/s (600 MB/s)
Connector				
Ethernet	4 (10/100/1000Mbps)	4 (10/100/1000Mbps)	10 (10/100/1000Mbps)	16(10/100/1000Mbps)
HDMI	1	1	-	-
USB 2.0	2	2	2	4
USB 3.0	1	1	1	3
Serial (Rj45)	1	1	1	1
SATA	1	1	1	1
Display				
Controller	Intel Gen7	Intel Gen7	-	-
Graphic	HW Decode H.264, VC-1, WMV9, MJPEG and VP8. HW Encode H.264	HW Decode H.264, VC-1, WMV9, MJPEG and VP8. HW Encode H.264	-	-
HDMI	HDMI 1.4a For HD video playback, 1080P at 60Hz	HDMI 1.4a For HD video playback, 1080P at 60Hz	-	-
Power				
Power Type	ATX Power connector	ATX Power connector	ATX Power connector	ATX Power connector



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GbE RJ45 implemented

UEFI Firmware



Specification	ZA-X301	ZA-X302	ZA-X303
Processor			
CPU	Intel Core i5-7500	Intel Core i3-3220	Intel Core i3-3220
Core Number	4	2	2
Frequency	3.40 GHz	3.30 GHz	3.30 GHz
L2 Cache	6MB	3 MB	3 MB
Firmware	UEFI Firmware	UEFI Firmware	UEFI Firmware
Memory			
Technology	DDR4-2133/2400	DDR3 1333/1600	DDR3 1333/1600
Max. Capacity	4GB	4GB	4GB
Ethernet			
Speed	10/ 100/ 1000 Mbps	10/ 100/ 1000 Mbps	10/100/1000 Mbps
Controller	Intel I210	Intel 82583v	Intel 82583v
Controller	Intel I350	-	-
Connector	RJ45 x6, SFP x4	RJ45 x 4	RJ45 x6
Storage			
SATA	up to 3Gb/s (300 MB/s)	up to 3Gb/s (300 MB/s)	up to 3Gb/s (300 MB/s)
Connector			
Ethernet	10 (10/100/1000Mbps)	4 (10/100/1000Mbps)	6 (10/100/1000Mbps)
VGA	1	1	1
USB 2.0	-	2	2
USB 3.0	2	-	-
Serial (Rj45)	1	1	1
SATA	1	1	1
Display			
Controller	Intel HD Graphics 610	Integrated Intel GMA3150	Integrated Intel GMA3150
Graphic	-	-	-
VGA	-	-	-
Power			
Power Type	ATX Power connector	ATX Power connector	ATX Power connector