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Network Security Appliance

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Network Security Appliances

While the invention of Internet breaks geographic barrier of countries globally to create the business opportunities, the business are also exposed to the catastrophic danger of web attack as well. In the E-business generation, company's daily operations rely on Internet. Without proper Internet and network protections, the normal business operation could be severely damaged by Internet attack, such as malicious hacking and security breach. In the event of the incident occurred, the lost could cost beyond the measurement of money; it could be a catastrophe in server down, data lost, stolen of confidential information, and a result in ruining a company's reputation.

To protect all of your valuable investment, Anewtech offers a full range of network security platforms to build a solid foundation that suit for various network environments, from firewall to Virtual Private Network (VPN) , as well as load balancing and intrusion detection system/ intrusion prevention system (IDS/ IPS).

We are dedicated to the research and development of network security platforms for network security application developers, system integrators, and service providers.

Our goal is to deliver secure Internet connectivity. Standard products are available for a full series of x86 based platforms. Our high-performance, rack mountable enterprise platforms feature highly integrated motherboards, LCM control modules and Dual Xeon processor support. Our Desktop platforms are compact and consume minimal power. User-friendly designs satisfy the needs of enterprises, small businesses or home/office applications.

Anewtech security appliances offer a comprehensive, yet cost-effective and easy-to-manage solution that lowers capital and operating expenses in addition to lower technical resource requirement.

Customization, Design and Integration Capabilities

Based on our standard product lines and form factors, Anewtech offers tailor-made products and value-added integration services. Various customizations are available from chassis color and front cover design, to extensive board-level design innovations.

Apart from the standard x86 platforms, we offer a variety of advanced network security technologies through our Unique Electronic Manufacturing Services.

For Example: Front panel customization according to expansion adaptor selections



Network Security Appliances

Desktop Platform

Small offices implementing limited security like a firewall and anti-virus leave themselves exposed to the high volume and range of external and internal threats. Anewtech offer comprehensive security that is cost-effective and easy-to-manage, lowering capital and operating expenses for small and home offices. At the same time, these security appliances eliminate the need for technical manpower to configure and manage them.



Model Name	Anewtech DNA 1500/ 1501	Anewtech DNA 840	Anewtech DNA 940	Anewtech DNA 950
Main Board	<ul style="list-style-type: none"> On Board RMI XLS 108 750MHz / On Board RMI XLS 208 Dual Core 600 MHz Processors 	<ul style="list-style-type: none"> VIA C7/Eden V4 Processors On board VIA C7 1.5GHz CPU Support 400 MHz FSB VIA CN700 & VIA8237R+ 	<ul style="list-style-type: none"> Intel® Celeron® M 600MHz Intel® 915GMLE and ICH6M Chipset 	<ul style="list-style-type: none"> On Board Intel® EP80579 integrated 600MHz Processors. 600MHz / 1.2GHz CPU with Acceleration (Opt) • Intel® SOC integrated MCH and ICH
Main Memory	1 x 200-pin DDR II SO-DIMM Socket, up to 1GB DDR II SO-DIMM	1x 240-pin DDR II 400/533 DIMM Socket, up to 1GB Non-ECC DDR II SDRAM	1 x 240-pin DDR II 400/533 DIMM Socket, up to 2GB Non-ECC DDR II SDRAM	1 x 240-pin DDR II 533/667/800 DIMM Socket, up to 2GB ECC DDR II SDRAM
LAN Features	<ul style="list-style-type: none"> LAN Chip: 1 x Marrell 88E11111 x Marrell 7395 10/100/1000 link speed LAN BYPASS: 1 pair 	<ul style="list-style-type: none"> LAN Chip: Intel® 82551ER 10/100 link speed LAN BYPASS: 1 pair 	<ul style="list-style-type: none"> LAN Chip: Intel® 82573L 10/100/1000 link speed LAN BYPASS: 1 pair 	<ul style="list-style-type: none"> LAN Chip: 1 x Intel® 82573L and 3 x GbE by integrated by Intel® EP80579 10/100/1000 link speed LAN BYPASS: 1 pair
Expansion	2 x Mini-PCIe Slot	1 x Mini-PCI Slot	1 x Mini-PCI Slot	1 x Mini-PCIe Slot
I/O Interface-Front	Power status / HDD status / LAN status LEDs	Power status / HDD status / LAN status LEDs	Power status / HDD status / LAN status LEDs	Power status / HDD status / LAN status LEDs
I/O Interface-Rear	<ul style="list-style-type: none"> 1 x Power button 1 x RJ45 type 2 x USB 2.0 ports 6 x Copper LAN ports 	<ul style="list-style-type: none"> 1 x Power button 1 x RJ45 type 2 x USB 2.0 ports 4 x Copper LAN ports 2 x Reserved hole for wireless antenna 	<ul style="list-style-type: none"> 1 x Power button 1 x RJ45 type 2 x USB 2.0 ports 4 x Copper LAN ports 2 x Reserved hole for wireless antenna 	<ul style="list-style-type: none"> 1 x Power button 1 x RJ45 type 2 x USB 2.0 ports 4 x Copper LAN ports 2 x Reserved hole for wireless antenna
Devices	<ul style="list-style-type: none"> 1x on-board Compactflash socket 1 x On-board 128MB flash memory 	<ul style="list-style-type: none"> 1 x on-board CompactFlash socket 1 x Internal 2.5" HDD 	<ul style="list-style-type: none"> 1 x on-board CompactFlash socket 1 x Internal 2.5" HDD 	<ul style="list-style-type: none"> 1 x on-board CompactFlash socket 1 x Internal 2.5" HDD
Power Input	60W ATX Power Supply	60W Power Adaptor	60W Power Adaptor	60W ATX Power Supply
Certifications	<ul style="list-style-type: none"> CE approval FCC Class B UL 	<ul style="list-style-type: none"> CE approval FCC Class B UL 	<ul style="list-style-type: none"> CE approval FCC Class B UL 	<ul style="list-style-type: none"> CE approval FCC Class B UL
Chassis Dimensions	272mm (W) x 195mm (D) x 44mm (H)	272mm (W) x 195mm (D) x 44mm (H)	272mm (W) x 195mm (D) x 44mm (H)	272mm (W) x 195mm (D) x 44mm (H)
Weight	2 kg	2 kg	2 kg	2 kg

- 1 Industrial Computer
- 2 Compact PCI
- 3 Embedded Computer
- 4 Panel PC/ LCD Monitor
- 5 Human Machine Interface
- 6 Digital Advertising
- 7 Serial & Wireless Connectivity
- 8 Digital Video Surveillance
- 9 Network Security Appliance
- 10 Data Acquisition & Control
- 11 Industrial RFID
- 12 Industrial Ethernet Switch
- 13 Medical PC
- 14 Power Supply
- 15 Accessories

Network Security Appliances

Entry Platform

Entry level network security appliances deliver the complete set of robust security features, including Stateful Inspection Firewall, VPN (SSL VPN & IPSec), gateway Anti-virus and Anti-spyware, gateway Anti-Spam, Intrusion Prevention System, Content & Application Filtering, Bandwidth Management and Multi-Link Manager over a single security appliance.



Model Name	Anewtech NSA 3110	Anewtech NSA 1042N8	Anewtech NSA 1041N7
Main Board	<ul style="list-style-type: none"> Intel® Core™ 2 Quad/Core™ 2 Duo/ Pentium® Dual-Core/ Celeron® Processors in 775-pin, LGA775 package 800/1066/1333 MHz FSB Intel® G41 and ICH7R Chipset 	<ul style="list-style-type: none"> Intel® Pentium® M / Celeron® M up to 2 GHz processors in Micro-FCPGA-478-pin package 400/533 MHz FSB Intel® 915GME and ICH6M Chipset 	<ul style="list-style-type: none"> VIA C7/Eden V4 up to 1.5GHz Processors 400 MHz FSB VIA CN700 and VIA8237R+
Main Memory	2 x 240-pin DDR III 1066 DIMM Sockets, up to 4GB Non-ECC DDR3 SDRAM	1 x 240-pin DDR II 400/533 DIMM Sockets, up to 2GB Non-ECC DDR II SDRAM	1 x 240-pin DDR II 400/533 DIMM Socket, up to 1GB Non-ECC DDR II SDRAM
Form Factor	1U	1U	1U
LAN Features	<ul style="list-style-type: none"> Lan Chipset: Intel® 82574L 10/100/1000 link speed LAN Bypass: 4 pairs 	<ul style="list-style-type: none"> LAN Chip: Intel® 82573L 10/100/1000 link speed LAN BYPASS: 1 pair 	<ul style="list-style-type: none"> LAN Chip: Intel® 82541PI 10/100/1000 link speed LAN BYPASS: 1 pair
Expansion	<ul style="list-style-type: none"> 1 x PCI-E*8 Slot 1 x Mini-PCI Slot 	<ul style="list-style-type: none"> 1 x Mini-PCI Slot 1 x PCI Slot PCI Card: full/half size 	<ul style="list-style-type: none"> 1 x Mini-PCI Slot 1 x PCI Slot PCI Card: full/half size
I/O Interface-Front	<ul style="list-style-type: none"> 2 x 16 Characters LCD module, PIO interface HDD access/Power/LAN status/Bypass status LEDs 2 x USB 2.0 ports 1 x RJ45 type 1 x Software button 8 x Copper LAN ports 	<ul style="list-style-type: none"> 2x16 Characters LCD module, PIO interface Power status / HDD status / LAN status / Bypass status LEDs 2 x USB 2.0 ports 1 x RJ45 type 1 x software button 4 x Copper LAN ports 	<ul style="list-style-type: none"> 2x16 Characters LCD module, PIO interface Power status / HDD status / LAN status / Bypass status LEDs 2 x USB 2.0 ports 1 x RJ45 type 1 x software button 4 x Copper LAN ports
I/O Interface-Rear	<ul style="list-style-type: none"> 1 x Expansion slot 1 x VGA port 1 x Power switch 	<ul style="list-style-type: none"> 1 x Expansion slot 1 x VGA port 	<ul style="list-style-type: none"> 1 x Expansion slot 1 x VGA port
Devices	<ul style="list-style-type: none"> 1 x On-board CompactFlash Socket 1 x Internal 3.5" HDD 	<ul style="list-style-type: none"> 1 x On-board CompactFlash Socket 1 x Internal 3.5" HDD 	<ul style="list-style-type: none"> 1 x On-board CompactFlash Socket 1 x Internal 3.5" HDD
Power Input	200W ATX Power Supply	180W ATX Power Supply	180W ATX Power Supply
Certifications	<ul style="list-style-type: none"> CE approval FCC Class A UL 	<ul style="list-style-type: none"> CE approval FCC Class A UL 	<ul style="list-style-type: none"> CE approval FCC Class A UL
Chassis Dimensions	426.2mm (W) x 365mm (D) x 44mm (H)	426mm (W) x 419mm (D) x 43.5 mm (H)	426mm (W) x 419mm (D) x 43.5 mm (H)
Weight	6.5 kg	6 kg	6 kg

Network Security Appliances

Mainstream Platform

Small and medium enterprises (SME) are as much at risk as large enterprises from the targeted attacks of today. Mainstream platform network security appliance is a powerful identity-based unified threat management appliances, delivering comprehensive protection to SME with limited investment in financial and technical resources.



Model Name	Anewtech NSA 5110	Anewtech NSA 1086N7	Anewtech NSA 1085/ 1045	Anewtech NSA 1083/ 1043
Main Board	<ul style="list-style-type: none"> Intel® Xeon™/ Core™ 2 Duo /Pentium® Dual-Core/ Celeron® Processors in LGA775 package with max 65w 800/1066/1333 MHz FSB Intel® 3210 and ICH9R Chipset 	<ul style="list-style-type: none"> Intel® Core™ 2 Duo/Pentium® D/Pentium® 4/Celeron® D Processors in LGA775 package 800/1066 MHz FSB Intel® 945G and ICH7R Chipset 	<ul style="list-style-type: none"> Intel® Pentium® 4/ Pentium® 4-M up to 2.8GHz in the 478-pin package and 512KB L2 Cache 533 MHz FSB Intel® 845GV and ICH4 Chipset 	<ul style="list-style-type: none"> Intel® Core™ 2 Quad / Core™ 2 Duo / Pentium® Dual-Core / Celeron®400 Series Processor in LGA775 package 800/1066 MHz FSB Intel® Q965 and ICH8 Chipset
Main Memory	4 x 240-pin DDR II 667/800 DIMM Sockets, up to 8GB ECC or Non-ECC DDR II SDRAM	2 x 240-pin DDR II 533/667 DIMM Sockets, up to 4GB Non-ECC DDR II SDRAM	2 x 184-pin DDR 266/333 DIMM Sockets, up to 2GB Non-ECC DDR SDRAM	2 x 240-pin DDR II 533/667/800 DIMM Sockets, up to 4GB Non-ECC DDR II SDRAM
Form Factor	1U	1U	1U	1U
LAN Features	<ul style="list-style-type: none"> LAN Chip: Intel® 82574L and 82575EB 10/100/1000 link speed LAN BYPASS: 4 pairs 	<ul style="list-style-type: none"> Swappable LAN Module LAN Chip: Intel® 82571EB / 82573L / 82541PI 10/100/1000 link speed LAN BYPASS: by model 	<ul style="list-style-type: none"> LAN Chip: Intel® 82541PI/82551QM 10/100/1000 link speed LAN BYPASS: 1 pair 	<ul style="list-style-type: none"> LAN Chip: Intel® 82573L / Intel® 82541PI 10/100/1000 link speed LAN BYPASS:3 pairs
Expansion	<ul style="list-style-type: none"> 1 x PCIe x 8 Slot PCI Card: full/half size 	<ul style="list-style-type: none"> 1 x Mini-PCI Slot 1 x PCI Slot PCI Card: full/half size 	<ul style="list-style-type: none"> 1 x Mini-PCI Slot 1 x PCI Slot PCI Card: full/half size 	<ul style="list-style-type: none"> 1 x Mini-PCI Slot 1 x PCI Slot PCI Card: full/half size
I/O Interface-Front	<ul style="list-style-type: none"> 2 x16 Characters LCD module, PIO interface Power status / HDD status / LAN status / Bypass status LEDs 2 x USB 2.0 ports 1 x RJ45 type 1 x software button 8 x Copper LAN ports 	<ul style="list-style-type: none"> 2 x16 Characters LCD module, PIO interface Power status / HDD status / LAN status / Bypass status LEDs 2 x USB 2.0 ports 1 x RJ45 type 1 x software button 2 x LAN Module Bays 	<ul style="list-style-type: none"> 2 x16 Characters LCD module, PIO interface Power status / HDD status / LAN status / Bypass status LEDs 2 x USB 2.0 ports 1 x DB9 type 8 x Copper LAN ports 	<ul style="list-style-type: none"> 2 x16 Characters LCD module, PIO interface Power status / HDD status / LAN status / Bypass status LEDs 2 x USB 2.0 ports 1 x RJ45 type 1 x software button 8 x Copper LAN ports
I/O Interface-Rear	<ul style="list-style-type: none"> 1 x Expansion slot 1 x VGA port 1 x Power switch 	<ul style="list-style-type: none"> 1 x Expansion slot 2 x USB 2.0 port 1 x VGA port 1 x Serial port 	<ul style="list-style-type: none"> 1 x Expansion slot 2 x USB 2.0 port 1 x VGA port 	<ul style="list-style-type: none"> 1 x Expansion slot 2 x USB 2.0 port 1 x VGA port
Devices	<ul style="list-style-type: none"> 1 x on-board CompactFlash socket 1 x Internal 3.5" HDD 1 x SATA-DOM device space 	<ul style="list-style-type: none"> 1 x On-board CompactFlash Socket 1 x Removable 3.5" HDD 	<ul style="list-style-type: none"> 1 x On-board CompactFlash Socket 1 x Internal 3.5"HDD 	<ul style="list-style-type: none"> 1 x On-board Compact-Flash Socket 1 x Internal 3.5" HDD
Power Input	250W ATX Power Supply	250W ATX Power Supply	250W ATX Power Supply	350 W ATX Power Supply
Certifications	<ul style="list-style-type: none"> CE approval FCC Class A UL 	<ul style="list-style-type: none"> CE approval FCC Class A UL 	<ul style="list-style-type: none"> CE approval FCC Class A UL 	<ul style="list-style-type: none"> CE approval FCC Class A
Chassis Dimensions	426mm (W) x 457mm (D) x 44mm (H)	427mm (W) x 480mm (D) x 43.5 mm (H)	426mm (W) x 379mm (D) x 44 mm (H)	427mm (W) x 458mm (D) x 43.5 mm (H)
Weight	8 kg	8 kg	6.5 kg	8kg

1	Industrial Computer
2	Compact PCI
3	Embedded Computer
4	Panel PC/ LCD Monitor
5	Human Machine Interface
6	Digital Advertising
7	Serial & Wireless Connectivity
8	Digital Video Surveillance
9	Network Security Appliance
10	Data Acquisition & Control
11	Industrial RFID
12	Industrial Ethernet Switch
13	Medical PC
14	Power Supply
15	Accessories

Network Security Appliances

Performance Platform

With advanced network connectivity and expansion capability, the enterprise level network security appliance is the ideal platform for building network security applications (such as IDS/IPS, anti-virus/anti-spyware/anti-spam and load balancing), and it is therefore intended for enterprise class security. VLAN capability enables large enterprises to create work profile-based policies across distributed networks from a centralized location or head office.



Model Name	Anewtech NSA 7110	Anewtech NSA 2189N8	Anewtech NSA 1088N8	Anewtech NSA 1088E
Main Board	<ul style="list-style-type: none"> Intel® Xeon™ 5500 series Processors in LGA1366 package 4.8/5.86/6.4 GT/s QPI Speed Intel® 5520 and ICH10R Chipset 	<ul style="list-style-type: none"> Dual Intel® Xeon™ 5100/5200/5300/5400 series Processors in LGA771 package 1066/1333 MHz FSB Intel® 5000P+ESB2 	<ul style="list-style-type: none"> Intel® Xeon™/Core™ 2 Duo/Pentium® Dual-Core/ Celeron® Processors in LGA775 package 800/1066/1333 MHz FSB Intel® 3210 and ICH9R Chipset 	<ul style="list-style-type: none"> Intel® Pentium®4 / Core™ 2 Duo in LGA775 package and 1MB/2MB Cache Support 800/1066 MHz FSB Intel® 945G and ICH7R Chipset
Main Memory	6 x 240-pin DDR III 800/1066 DIMM Sockets, up to 24GB ECC® and ECC DDR III SDRAM	4 x 240-pin DDR II 533/667 FB-DIMM Sockets, up to 16GB Fully-buffered DDRII SDRAM	2 x 240-pin DDR II 667/800 DIMM Sockets, up to 4GB Non-ECC DDR II SDRAM	2 x 240-pin DDR II 533/667 DIMM Sockets, up to 4GB Non-ECC DDRII SDRAM
Form Factor	2U	2U	1U	1U
LAN Features	<ul style="list-style-type: none"> Swappable LAN Module LAN Chip: Intel® 82573L / 82575EB / 82598EB 10/100/1000 link speed LAN Bypass : by model 	<ul style="list-style-type: none"> LAN Chip: Intel® 82571L / 82598EB / 82546GB / 82575EB 10/100/1000 link speed LAN BYPASS: by model 	<ul style="list-style-type: none"> Swappable LAN Module LAN Chip: Intel® 82571EB and 82573L 10/100/1000 link speed LAN BYPASS: by model 	<ul style="list-style-type: none"> LAN Chip: Intel® 82571EB Support 10/100/1000 link speed LAN BYPASS: 2 pairs
Expansion	<ul style="list-style-type: none"> 1 x PCIe x 8 Slot (Default) 2 x PCIe x 4 Slot (Optional) 2 x PCI-X Slot (Optional) 	<ul style="list-style-type: none"> 1 x Mini-PCI Slot PCI interface By model PCI Card: full/ half size 	<ul style="list-style-type: none"> 1 x Mini-PCI Slot 1 x PCI Slot PCI Card: full/half size 	<ul style="list-style-type: none"> 1 x Mini-PCI Slot 1 x PCI Slot PCI Card: full/half size
I/O Interface-Front	<ul style="list-style-type: none"> Support 2x16 Characters LCD module, PIO interface Power status / HDD status / LAN status / Bypass status LEDs 4 x 3.5" HDD Swappable bays 3 x LAN Module bays 2 x USB 2.0 ports 1 x RJ45 type Console port 1 x software button 1 x Management LAN ports 	<ul style="list-style-type: none"> 2x16 Characters LCD module, PIO interface Power status / HDD status / LAN status / Bypass status LEDs 2 x USB 2.0 ports 1 x RJ45 type 1 x software button 4 x Copper LAN ports 3 x LAN Module Bays 	<ul style="list-style-type: none"> 2x16 Characters LCD module, PIO interface Power status / HDD status / LAN status / Bypass status LEDs 2 x USB 2.0 ports 1 x RJ45 type 1 x software button 8 x LAN ports 	<ul style="list-style-type: none"> 2x16 Characters LCD module, PIO interface Power status / HDD status / LAN status / Bypass status LEDs 2 x USB 2.0 ports 1 x RJ45 type 1 x software button 4 x Copper LAN ports 4 x SFP LAN ports
I/O Interface-Rear	<ul style="list-style-type: none"> 2 x Swappable System FANs 1 x Expansion slot for PCIe x 8 / 2 x PCI-X Expansion Slots (Optional) 2 x Expansion Slots for PCIe x 4 (Optional) 	<ul style="list-style-type: none"> 2 x Swappable 3.5"HDD bays (Support SAS/SATA HDD) 1 x Power button 1 x VGA port 	<ul style="list-style-type: none"> 1 x Expansion slot 2 x USB 2.0 port 1 x VGA port 1 x Serial port 	<ul style="list-style-type: none"> 1 x Expansion slot 1 x USB 2.0 port 1 x VGA port
Devices	<ul style="list-style-type: none"> 1 x on-board CompactFlash socket 1 x USB-DOM device space 1 x SATA-DOM device space 	<ul style="list-style-type: none"> 1 x On-board CompactFlash Socket 	<ul style="list-style-type: none"> 1 x on-board CompactFlash socket 1 x Removable 3.5"HDD 	<ul style="list-style-type: none"> 1 x On-board CompactFlash Socket 1 x Internal 3.5" HDD
Power Input	Max Support 460W 1+1 ATX Redundant Power Supply	Max Support 460W 1+1 ATX Redundant Power Supply	250W ATX Power Supply	350 W ATX Power Supply
Certifications	<ul style="list-style-type: none"> CE approval FCC Class A UL 	<ul style="list-style-type: none"> CE approval FCC Class A UL 	<ul style="list-style-type: none"> CE approval FCC Class A UL 	<ul style="list-style-type: none"> CE approval FCC Class A UL
Chassis Dimensions	430mm (W) x 580mm (D) x 88mm (H)	424mm (W) x 600mm (D) x 88 mm (H)	427mm (W) x 480mm (D) x 44 mm (H)	427mm (W) x 458mm (D) x 44 mm (H)
Weight	19kg	14 kg	6 kg	8kg