

Selection Guide

ALS Series



Model Name		ALS-3206	ALS-3004B	ALS-3104B
Processor	System CPU	Core™2 Duo T7400 2.16 GHz Celeron® M 440 1.86 GHz	Pentium® M 1.1 GHz to 1.6 GHz Celeron® M 660 MHz to 1.5 GHz	Pentium® M 1.1 GHz to 1.6 GHz Celeron® M 660 MHz to 1.5 GHz
	Max. Speed	667 MHz	400 MHz	400 MHz
	Chipset	Intel® 945GME + ICH7R	Intel® 855GME/852GM + ICH4	Intel® 855GME/852GM + ICH4
	BIOS	Award 4 MB flash memory	Award 4 MB flash memory	Award 4 MB flash memory
Memory	Technology	DDR2 SDRAM 667/533 MHz	DDR SDRAM 333/266 MHz	DDR SDRAM 333/266 MHz
	Max. Capacity	4 GB	1 GB	1 GB
	Socket	240-pin	184-pin	184-pin
Ethernet	Interface	Intel® 82573L x 6	Intel® 82562EZ x 1 Intel® 82552ER x 3	Intel® 82562EZ x 1 Intel® 82552ER x 3
	Connector	RJ-45 x 6	RJ-45 x 4	RJ-45 x 4
Drive Bays	3.5" FDD/HDD	SATA x 1	N/A	IDE x 1
	2.5" HDD	N/A	IDE x 1	N/A
Expansion	PCI Slot	One	N/A	N/A
	PCI-X Slot	Two	N/A	N/A
Management	Power switch	ATX	AT	ATX
Physical Dimensions (W x H x D)		424.6 x 44 x 412 mm	250 x 44 x 171 mm	440 x 44 x 307 mm
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ALS-3206

Rackmount Network Security Platform with Six Gigabit Ethernet Ports



Features

- Internet security platform for ROBO and SMB
- Intel® Core™2 Duo T7400 2.16 GHz Processor with 4 MB L2 cache
- Intel® Celeron® M 440 1.86 GHz Processor with 1 MB L2 cache
- Six Gigabit LAN ports
- Bypass capability during system power-off or software halt
- Software programmable bypass control
- Programmable watchdog timer
- Up to 4 GB DDR II 667 SDRAM
- Two PCI-X extension slots via riser card

The ALS-3206 is a powerful rackmount Internet security platform specifically designed for secure Internet connectivity. Equipped with the Intel® Core™2 Duo processor, it provides high performance and meets the requirements of Internet security appliances. The system supports CompactFlash for use in installing OS and Internet security applications. In addition, the ALS-3206 can support system memory up to 4 GB DDR II 667 MHz. The ALS-3206 offers six 10/100/1000 Mbps LAN ports on the front panel. For easy access, there is one RS-232 serial port (DB-9 connector) on board for local system management, maintenance and diagnostics. The ALS-3206 provides four SATA II HDD interfaces. This product is FCC and CE compliant.

Specifications

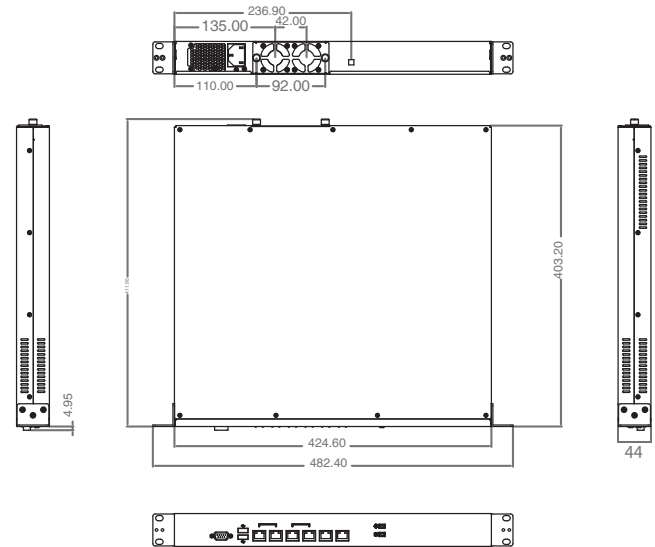
Processor System	CPU	Intel® Core™2 Duo T7400	Intel® Celeron® M 440
	Clock Speed	2.16 GHz	1.86 GHz
	FSB	667 MHz	533 MHz
	L2 Cache	4 MB	1 MB
	Chipset	Intel® 945GME + ICH7R	
	BIOS	Phoenix Award 4 Mb Flash	
Memory	Technology	DDR II 533/667 MHz SDRAM	
	Max. Capacity	4 GB	
	Socket	Two 240-pin DIMM	
Ethernet	Interface	10/100/1000 Base-TX	
	Controller	Six Intel® 82573L	
	Connector	Six RJ-45	
LAN Bypass	LAN port	1st & 2nd, 3rd & 4th ports	
Drive Bay	3.5" SATA HDD	One	
Cooling	Fan	Two (10 CFM/each)	
Management	Console	One RS-232	
Miscellaneous	Power Switch	One	
	CompactFlash	Socket	One (Secondary IDE)
	VGA	One DB-15	
	USB	Two Type-A	
Extension	PCI Slot	One	
	PCI-X Slot	Two (on riser card)	
Power Requirement	Input	AC 100-240 V at 50-60 Hz, full range	
	Output	250 W ATX	
Environment	Operating	Non-Operating	
	Temperature	0° - 40°C (32° - 104°C)	-20° - 75°C(-4° - 167°C)
	Humidity	5% - 85% at 40° (104°C) 5% - 95%	
Physical	Dimensions	424.6 x 44 x 412 mm (W x H x D)	
	Weight	8.5 kg	

Ordering Information

Part Number	Processor	LAN	AC Adapter	DDRDRAM	HDD Driver
ALS-3206/T7400/1GB/PCI-X	Core™2 Duo T7400 (2.16 G)	Six Gigabit (with bypass)	250 W	1 GB	160 GB
ALS-3206/CM440/1GB/PCI-X	C-M440 1.86 GHz	Six Gigabit (with bypass)	250 W	1 GB	160 GB

Dimensions

Units: mm



Rear View

ALS-3004B Series

Compact Network Security Platform with Four Rear Ethernet Ports



Features

- Internet security platform for ROBO, SOHO and SMB
- Intel® Pentium® M 1.6 GHz Processor with 1 MB L2 cache
- Intel® Celeron® M 1.3 GHz Processor with 512 KB L2 cache
- Four Fast LAN ports
- Bypass capability on system power-off or software halt
- Software programmable bypass control
- Programmable watchdog timer, WDT status read-back
- Intel® Boot Agent BIOS

The ALS-3004B is a compact yet powerful Internet security platform that is specifically designed for secure Internet connectivity. It is suitable for SOHO, SMB, and ROBO segments. The system supports CompactFlash for use in installing OS and Internet security applications. In addition, the ALS-3004B can support system memory up to 1GB DDR SDRAM. There are ten LED indicators on the front panel display which monitor power status, LAN activities and LAN links. For local system management, maintenance and diagnostics, a 9-pin, RS-232 serial port is provided on the rear panel. The ALS-3004B has space reserved for an optional slim-type 2.5" IDE HDD. It is FCC and CE compliant.

Specifications

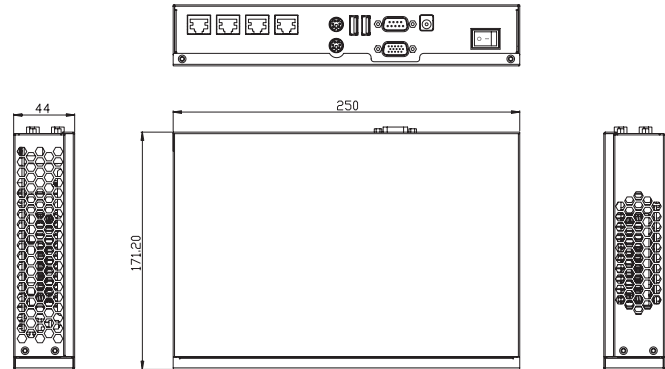
Processor System	CPU	Intel® Pentium® M	Intel® Celeron® M
	FSB	1.6 GHz	1.3 GHz
	L2 Cache	1 MB	512 KB
	Chipset	Intel® 855GME / 852GM + ICH4	
	BIOS	Phoenix Award 4 Mb Flash	
Memory	Technology	DDR-SDRAM 266/333	
	Max. Capacity	1 GB	
	Socket	One 184-pin DIMM	
Ethernet	Interface	10/100/1000 Base-TX	
	Controller	One Intel® 82562EZ Three Intel® 82551ER	
	Connector	Four RJ-45	
LAN Bypass	LAN port	3rd & 4th ports	
Drive Bay	2.5" HDD	One	
Cooling	Fan	Two (10 CFM/each)	
Management	Console	One RS-232	
Miscellaneous	Power Switch	One	
	CompactFlash	Socket	1 (Secondary IDE)
	VGA	One DB-15	
	USB	Two Type A	
	PS/2	Two	
Power Requirement	Input	AC 90-264 V @ 47-63Hz, full range	
	Output	60W AT	
Environment	Operating	Non-Operating	
	Temperature	0° - 40° C(32 - 104°C)	-20° - 75° C(-4° - 167°F)
	Humidity	5°C- 85 % @ 40°C (104°F)	5 - 95 %
Physical	Dimensions	250 x 44 x 171 mm (W x H x D)	
	Weight	3 kg	

Ordering Information

Part Number	Processor	LAN	AC Adapter	DDRDRAM	HDD Driver
ALS-3004/PM1600/512/80G	P-M1.6 GHz	4 (w/ bypass)	60 W	512 MB	80 GB
ALS-3004/CM1300/512/80G	C-M1.3 GHz	4 (w/ bypass)	60 W	512 MB	80 GB

Dimensions

Units: mm



Rear View

ALS-3104B Series

Rackmount Network Security Platform with Four Rear Ethernet Ports



Features

- Internet security platform for ROBO, SOHO and SMB
- Intel® Pentium® M 1.6 GHz Processor with 1 MB L2 cache
- Intel® Celeron® M 1.3 GHz Processor with 512 KB L2 cache
- Four Fast LAN ports
- Bypass capability when system power-off or software halt
- Software programmable bypass control
- Programmable watchdog timer, WDT status read-back
- Intel® Boot Agent BIOS

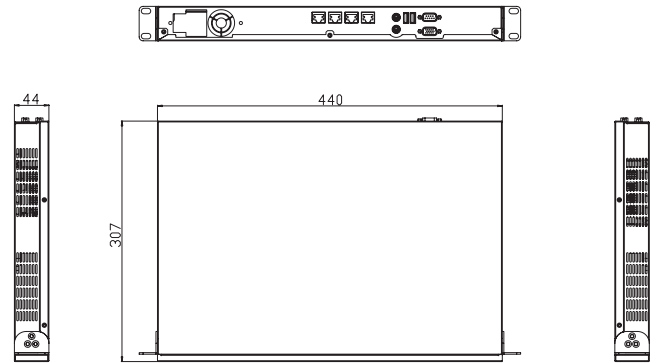
The ALS-3104B is a powerful rackmount Internet security platform specifically designed for secure Internet connectivity. Equipped with the Intel® Pentium® M processor, it provides high performance and meets the requirements of Internet security appliances. The system supports CompactFlash for use in installing OS and Internet security applications. In addition, the ALS-3104B can support system memory up to 1GB DDR memory. The ALS-3104B provides four 10/100 Mbps LAN ports in the rear panel for easy access, the rear panel has a 9-pin, RS-232 serial port for local system management, maintenance and diagnostics. The ALS-3104B has reserved space for an optional 3.5" IDE HDD. It is FCC and CE compliant.

Ordering Information

Part Number	Processor	LAN	AC Adapter	DDRRAM	HDD Driver
ALS-3104/ PM1600/512/80G	P-M1.6 GHz	4 (w/ bypass)	200 W	512 MB	80 GB
ALS-3104/ CM1300/512/80G	C-M1.3 GHz	4 (w/ bypass)	200 W	512 MB	80 GB

Dimensions

Units: mm



Specifications

Processor System	CPU	Intel® Pentium® M	Intel® Celeron® M	
	FSB	1.6 GHz	1.3 GHz	
	L2 Cache	1 MB	512 MB	
	Chipset	Intel® 855GME / 852GM + ICH4		
	BIOS	Phoenix Award 4 Mb Flash		
Memory	Technology	DDR-SDRAM 266/333		
	Max. Capacity	1 GB		
	Socket	One 184-pin DIMM		
Ethernet	Interface	10/100/1000 Base-TX		
	Controller	One Intel® 82562EZ, three Intel® 82551ER		
	Connector	Four RJ-45		
	LAN Bypass	LAN port 3rd & 4th ports		
Drive Bay	3.5" HDD		One	
Cooling	Fan	Two (10 CFM/each)		
Management	Console	One RS-232		
Miscellaneous	Power Switch	One		
	CompactFlash	Socket	One (Secondary IDE)	
	VGA	One DB-15		
	USB	Two Type A		
	PS/2	Two		
	Power Requirement	Input	AC 100-240 V @ 50-60Hz, full range	
		Output	200 W AT	
Environment	Operating	Non-Operating		
	Temperature	0° - 40°C (32° - 104°F)	-20° - 75°C (-4° - 167 ° F)	
	Humidity	5°C- 85 % @ 40° (104°F)	5 - 95 %	
	Physical	Dimensions	440 x 44 x 307 mm (W x H x D)	
Weight		6 kg		



Rear View