Features

- Intel Celeron M 1GHz CPU fanless, with 256MB DDR SDRAM
- 4 x physically independent Ethernet ports
- Compact Flash 256MB with IPCop Firewall Software
- Easy Administration through Web-Frontend
- fanless, low Power consumption 30W
- IDE connector for optional 2,5"HDD
- 4 x USB 2.0, 1 x RS232

Zoom in Picture

VS-Wall CI852A

Quick Link: | **Features** | **Overview** | **Chassis** | **Hardware** | **Memory** | **Integrated Devices** | **Connectivity** | **Power supply** | **Environment** | **Software** | **Approvals** | **Ordering Information** |

Overview

VS-Wall CI852A provides an ideal hardware platform for professional Firewall Software, such as IPCop Linux. four physically independent Ethernet ports 4 x 10/100Mbit allow to segment the whole Network into different regions. The seperation of four regions is supported by IPCop:

- RED directly connected to untrusted Internet
- ORANGE the DMZ zone for Internet Servers
- GREEN the internal protected LAN
- BLUE the internal protected Wireless LAN

The Hardware platform guarantees fast data transmission while IPCop software routes, filters and inspects incoming and outcoming IP packages.

Chassis

Construction	Full size stanless steel, all connectors on rear side
Cooling system	passive heatsink, fanless
LED indicator	Power, Status, HDD/CF access, LAN
Expansion slot	no
Dimensions	172 x 275 x 50mm³
Power switch	connector side

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Hardware

Processor	Intel Celeron M 1GHz
CPU socket	on Board
Front side BUS	400/533MHz

BIOS	AWARD Flash BIOS
Chipset	Intel 852GM

■ Memory

Memory type	256MB DDR SDRAM, max 1GB
Memory socket	1 x 184-pin DDR 266
VGA controller	integrated in Chipset

■ Integrated Devices

Expansion Slot	no
IDE	optional 2.5" HDD
Compact Flash	CF slot with Ejector and metal sheet cover
Watchdog Timer	Software programmable 1-63 sec.
Real Time Clock	standard
Keyboard/Mouse	PS/2 connector for Keyboard and Mouse

■ Connectivity

LAN	4 x 10/100Mbps with RJ-45 plug, Realtek chipset
USB	4 x USB 2.0 supports boot function from USB
VGA	1 x 15-pin connector
Com Ports total	1 x RS232 DSUB 9 connector
Com Port Modi	1 x RS232

■ Power supply

Power Adapter	external Power Adapter 100-240V, 27W
Input Voltage	24V / 1.25A
Power Consumption	with power supply 35W

■ Environment

Operating Temp.	0°-50°C
Storage Temp.	-20°-+80°C

■ Software

Operating System	IPCop 1.4.xx, GPL Linux Firewall Distribution
Systemdrive	Compact Flash IPCop runs in special CF Operationmode to extend CF lifetime
Separated Networks	RED - Unstrusted Internet WAN ORANGE - Demilitarized Zone DMZ for Server Operation GREEN - User LAN BLUE - User WLAN
DHCP Server	on GREEN and BLUE Network
DNS	Caching Proxy accelerates Name Resolution

Proxyserver	Caching Webaccess (requires HDD - internal IDE or external USB)
Routing	Easy configuration through webinterface Individual rules for Port-Adress-Translation and Packet-Forwarding
Firewall	Stateful Packet Inspection Intrusion Detection Traffic Shaping for adjusting services priorities
VPN	Supports VPN (open VPN, IPSec) to establish Private Networks in secure way
Addons	Many free tools for URL-Filtering available

■ Approvals

EMC	FCC Class A, CE Class A

■ Ordering Information

Art No	165
Product Name	VS-Wall CI852A
Packing List	VS-Wall CI852A, Power Adapter Compact Flash 256MB IPCop preinstalled CD with driver and CF-Image, English documentation

■ Full size product image