



[Zoom in Picture](#)

■ Features

- AMD Geode LX 800, 500MHz without fan, inkl. 512MB DDR SDRAM, VGA on board
- 2 x GigaLAN / 4 x USB 2.0
- 3x RS232, 1 x RS232/422/485
- Mini PCI Socket
- Compact Flash Adapter
- Power Supply AC-DC 24W or DC 12-36V terminal block
- Dimensions 130.0mm x 200.0mm x 44.2mm
- HDD Space
- Keyboard/Mouse connector

VS-EmRunner 5403

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■ Overview

The really small and robust embedded system! Fan less, Low Power Consumption, Professional construction inside!

■ Chassis

Construction	full size stanless steel
Mounting configuration	Desktop, Wallmount
Filter	no
Cooling system	passive heatsink, fanless
LED indicator	Power on/off in front, HDD/CF access, LAN
Expansion slot	1 x Mini PCI socket
Dimensions	130.0 x 200.0 x 44.2mm ³
Power switch	rear side

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■ Hardware

Processor	AMD Geode LX 800, 500MHz
CPU socket	on Board
BIOS	Phoenix Award BIOS
Chipset	AMD Geode CS5536

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■ Memory

Memory type	512MB DDR SDRAM Optional up to 1GB max.
Memory socket	1 x 184-pin DDR SDRAM socket

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■ Video

VGA controller	embedded in CS5536 chipset
BUS	PCI internal in chipset
Video RAM	UMA 254MB max.
Interface	VGA

Resolutions

up to 1600 x 1200/16bit

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■ Integrated Devices

IDE	optional 2.5 HDD PATA
FDD	no
CD-ROM/DVD	no
Compact Flash	CF Adapter complete built in Optional 512up to 8GB Compact Flash Card
PCMCIA	no
DiskonChip	no
Watchdog Timer	Programmable Watchdog Timer, 1-63 sec.
Real Time Clock	standard
Keyboard/Mouse	PS/2 connector, Y-Adapter cable for Keyboard and Mouse

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■ Connectivity

LAN	2 x GigaLAN (10/100/1000 BaseTX) with RJ45 connector, RealTek Chipset supports wake on LAN boot from LAN
WLAN	no
USB	4 x USB 2.0 supports boot function from USB
IEEE 1394	no
VGA	1 x 15-pin connector
Com Ports total	4 x DSUB 9 male
Com Port Modi	3 x RS232, 1 x RS232/422/485
LPT	no
Audio	Mic-in, Line-out audio connector
TV-out	no
S-Video	no

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■ Power supply

external Power Adapter	30W
Power input	AC 100-240V, 50-60Hz
Power output	24V, 1.25A

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■ Power consumption

average system alone	6.9 W
with power supply	15.0 W

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■ Environment

Operating Temp.	0°-55°C
Storage Temp.	-20°-+80°C

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■ Software

Windows	Win98, NT, 2K, XP, Embedded XP, CE 5.0
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Linux

Kernel 2.4 / 2.6

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■ Approvals

EMC

FCC Class A, CE Class A

Environment

RoHS

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■ Ordering Information

Art.No

224

Product Name

VS-EmRunner 5403

Packing list

VS-EmRunner 5403 Embedded System
CD, English documentation
power supply, with power cord
2 x L-type universal fixers with 4 screws
1 x 44-pin flat cable and 4 screws for fixing and connecting hdd
1 x 2-pin apertable terminal block
1 x PS-2 Y cable for keyboard/mouse

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■ optional

WLAN

IEEE 802.11b WLAN Module with Antenna

Memory

DDR up to 1GB

Mass Storage device

2.5 HDD PATA
Compact Flash Card

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■ Full size product image



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