

Embedded Systems

VIA M'SERV S2100

Storage-oriented 2-Bay
Mini-Server Barebone with
Nano™ CPU, Dual GigaLAN,
2 SATA, Compact Flash and
USB

Features

- Small size barebone system design
- High performance 64-bit Nano™ CPU
- Supports two PCIe Gigabit Ethernet
- Supports one Compact Flash slot
- Supports two 3.5" SATA hard drives
- Supports three USB 2.0 ports
- Low power consumption
- High reliability: With solid capacitors, ball-bearing cooling fans for better MTBF



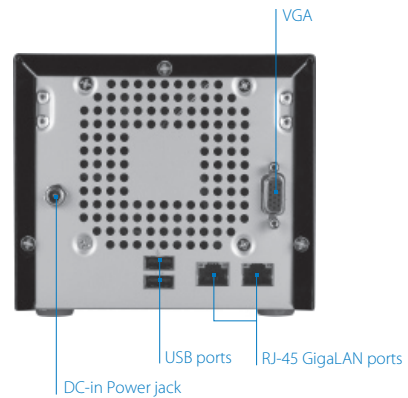
Specifications

Model Name	M'SERV S2100
Processor	1.6 GHz VIA Nano™
Chipset	VIA VX800 Unified Digital Media IGP chipset
System Memory	2 x SODIMM sockets
VGA	Integrated VIA C-9 HC3 DX9 3D/2D graphics with MPEG-2 and WMV9 decoding acceleration
Onboard Storage Interface	2 x 3.5" SATA (3 Gbps) HDD trays 1 x Bootable Compact Flash socket (supports DMA mode)
LAN	2 x VIA VT6130 PCIe Gigabit Ethernet controllers
Front System I/O Outlet	1 x Power button 1 x USB 2.0 port 1 x Reset button
Rear System I/O Outlet	2 x USB 2.0 ports 2 x Gigabit RJ-45 LAN ports
System Indicator	2 x LED for LAN active indicators 1 x HDD active indicator 1 x Power on indicator
Power Supply	100~240v input AC/DC adapter
Operating System	Windows XP, Windows Vista, Ubuntu 8.04, Windows Server 2008 SUSE Linux Enterprise Desktop 10 with Service Pack 2
System Monitoring & Management	Wake-on LAN, Wake-on Alarm Watch Dog Timer, H/W Monitor System power management, AC power failure recovery
Security Feature	AES engine, TPM v1.2 (optional), 4Kb EEPROM
System Cooler	1 x 8 cm low-noise ball-bearing fan
Operating Temperature	0°C ~ 40°C
Storage Temperature	-20°C ~ 70°C
Safety Certificate	CE, FCC
System Dimension	135 mm (W) x 115 mm (H) x 259 mm (D) / 5.3" (W)x 4.5" (H)x 10.2" (D)
System Weight	2.5 kg (w/o HDD)

Front System I/O



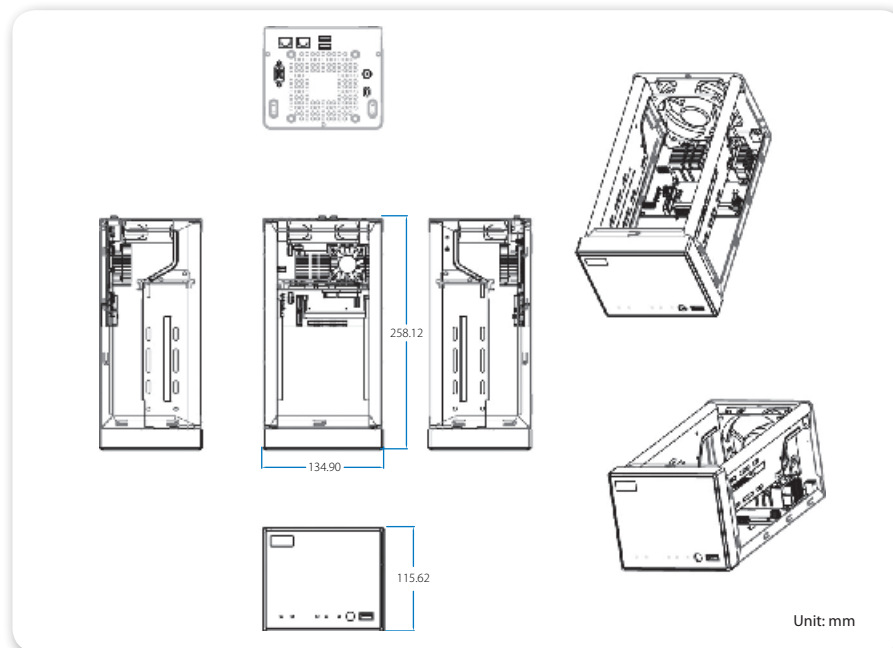
Back System I/O



Ordering Information

Model Name	CPU Frequency	Description
M'SERV S2100	1.6 GHz Nano™	Storage-oriented 2-Bay Mini-Server Barebone with Nano™ CPU, Dual GigaLAN, 2 SATA, Compact Flash and 3 USB

Dimensions



Packing List

- 1 x M' SERV S2100 Barebone Storage PC System (comprising chassis & mainboard)
- 1 x Driver/Manual CD
- 8 x HDD screws
- 1 x Power cord
- 1 x AC/DC adaptor
- 1 x Installation guide