

## Embedded Systems

NEW

### 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



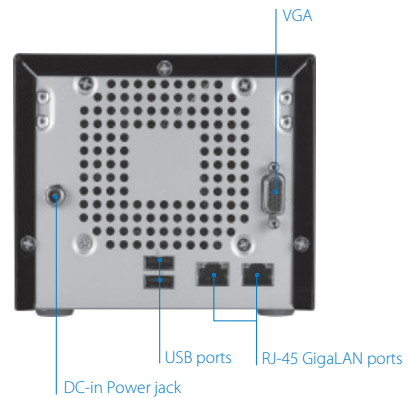
#### Specifications

<b>Model Name</b>	<b>M'SERV S2100</b>
<b>Processor</b>	1.3GHz VIA Nano™ @ 1.6 GHz
<b>Chipset</b>	VIA VX800 Unified Digital Media IGP chipset
<b>System Memory</b>	2 x SODIMM sockets
<b>VGA</b>	Integrated VIA Chrome9™ HC3 DX9 3D/2D graphics with MPEG-2/4 and WMV9 decoding acceleration
<b>Onboard Storage Interface</b>	2 x 3.5" SATA (3 Gbps) HDD trays 1 x Bootable Compact Flash socket (supports DMA mode)
<b>LAN</b>	2 x VIA VT6130 PCIe Gigabit Ethernet controllers
<b>Front System I/O Outlet</b>	1 x Power button 1 x USB 2.0 port 1 x Reset button
<b>Rear System I/O Outlet</b>	2 x USB 2.0 ports 2 x Gigabit RJ-45 LAN ports
<b>System Indicator</b>	2 x LED for LAN active indicators 1 x HDD active indicator 1 x Power on indicator
<b>Power Supply</b>	100~240v input AC/DC adapter
<b>Operating System</b>	Windows XP, Windows Vista, Ubuntu 8.04, Windows Server 2008 SUSE Linux Enterprise Desktop 10 with Service Pack 2
<b>System Monitoring &amp; Management</b>	Wake-on LAN, Wake-on Alarm Watch Dog Timer, H/W Monitor System power management, AC power failure recovery
<b>Security Feature</b>	AES engine, TPM v1.2 (optional), 4Kb EEPROM
<b>System Cooler</b>	1 x 8 cm low-noise ball-bearing fan
<b>Operating Temperature</b>	0°C ~ 40°C
<b>Storage Temperature</b>	-20°C ~ 70°C
<b>Safety Certificate</b>	CE, FCC
<b>System Dimension</b>	135 mm (W) x 115 mm (H) x 259 mm (D) / 5.3" (W)x 4.5" (H)x 10.2" (D)
<b>System Weight</b>	2.5 kg (w/o HDD)

### Front System I/O



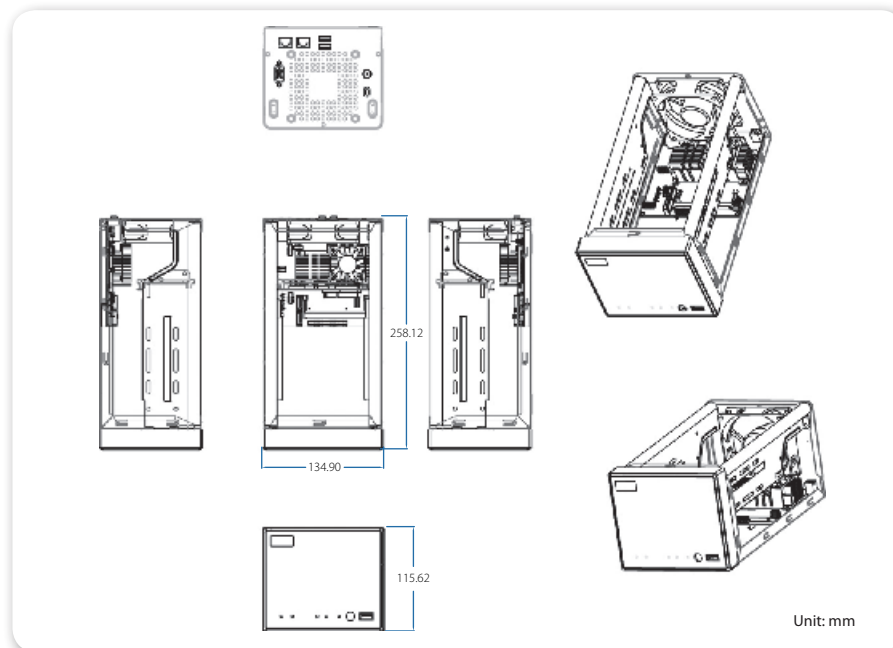
### Back System I/O



## Ordering Information

Model Name	CPU Frequency	Description
M'SERV S2100	1.3 <sup>3</sup> 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