

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



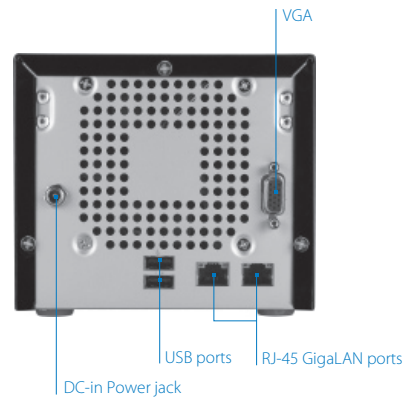
Specifications

| | |
|---|---|
| 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 Chrome9™ 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



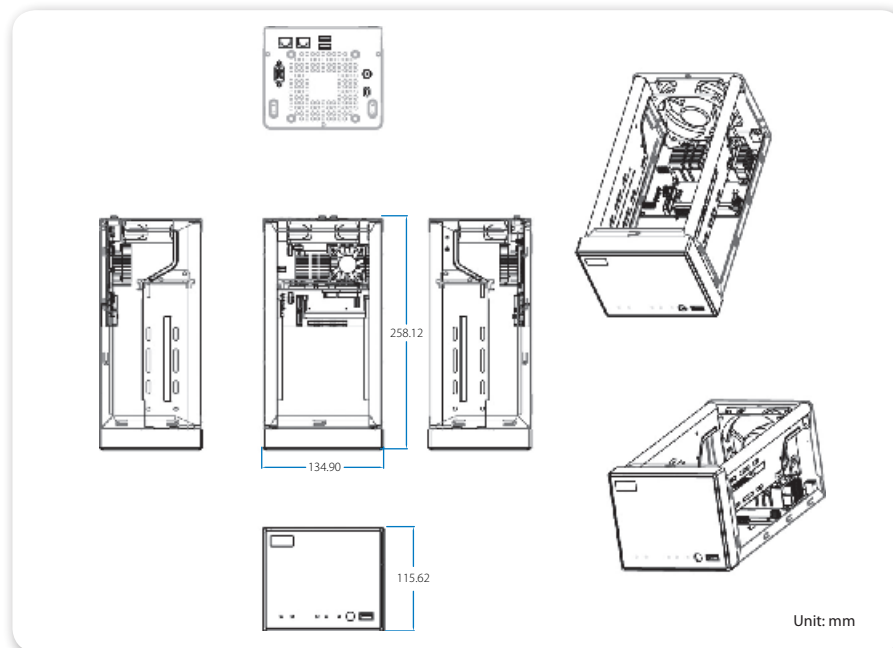
Back System I/O



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