

# M'SERV S2100 Mini Server

## Quick Guide



### Key Features:

- 64-bit processor
- Dual Gigabit LAN
- Bootable CF socket
- Two 3.5-inch HDD bays

P/N: 99G51-012954-20

### Safety Precautions

1. Unplug the power cord before installation. Installing modules to the system with the power on can do damage to the M'SERV S2100 as well as physical harm to the person performing the installation.
2. When handling the motherboard, avoid touching any metal leads or connectors.
3. Use a grounded wrist strap before handling any computer modules.
4. Keep modules in antistatic containers until they are to be installed.
5. Do not remove the stickers on the motherboard and devices. These stickers are required for warranty validation.
6. Avoid dropping screws or other metal objects on the motherboard and other modules.
7. Do not place the system on uneven surfaces.
8. If you are unfamiliar with the installation process or have a technical problem with the product, consult a certified computer technician.

### Packing List:

- 1 x M'SERV S2100
- 1 x Setup CD
- 1 x Adapter
- 1 x Power cord
- 1 x Installation guide
- 8 x HDD screws



#### Note:

- It's best to only use the screws provided in the M'SERV S2100 package kit.
- For more information regarding the mainboard, please check to <http://s2100.viatech.com>

### Specifications:

- **Processor:**  
VIA Nano 1.3+ GHz NanoBGA2 Processor with 800 MHz FSB
- **Chipset:**  
VIA VX800 Advanced All-in-one system processor
- **System Memory:**  
2 x DDR2 667 SODIMM memory slot
- **LAN:**  
2 x VIA VT6130 PCI Express Gigabit Ethernet controller
- **I/O:**
  - 2 x 3.5-inch SATA 3Gb/s HDD expansion bay
  - Bootable built-in CF socket
  - 2 x RJ-45 GigaLAN port
  - 3 x USB 2.0 port
  - VGA port
  - DC-in power jack (DC 12V)
- **Operating Temperature:**  
0°C ~ 40°C
- **Humidity:**  
0% ~ 90% relative humidity, non-condensing
- **Dimension:**  
259mm x 135mm x 115mm (L x W x H)



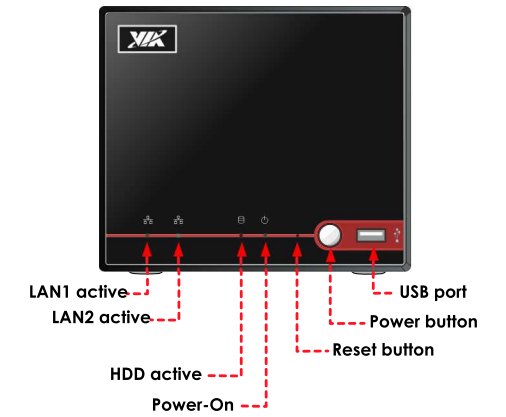
#### Note:

- Specifications are subject to change without prior notice.

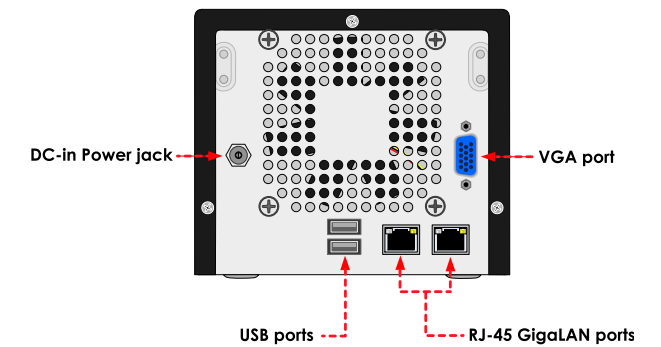
For more information on this and other VIA products, please visit [www.viaembedded.com](http://www.viaembedded.com).

### Layout

The front panel has a power button and USB port. There are also LED status indicators for LAN active, HDD active and Power-On.

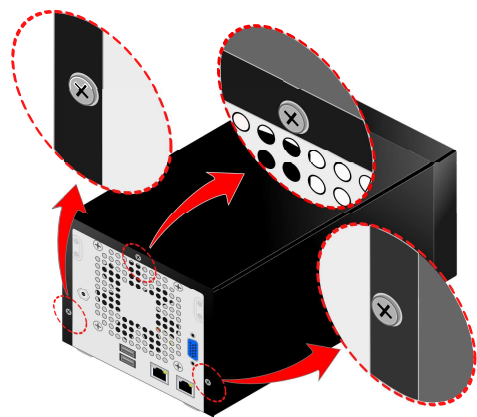


The back side of the system has a VGA port, two LAN ports, two USB ports, and a DC-In power jack.

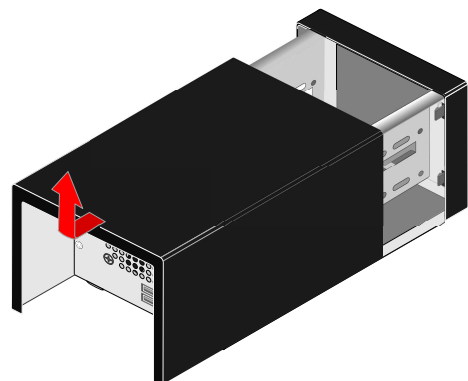


### Installation Instructions

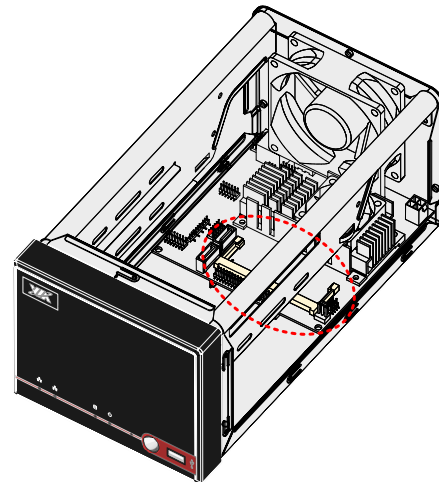
**1** First unscrew the three screws on the back panel.



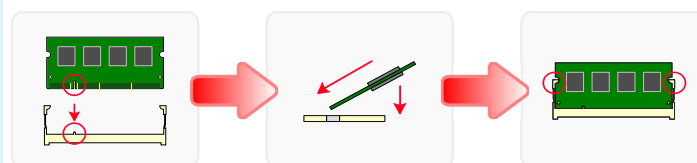
**2** Then gently slide the top cover backward and lift it away from the chassis.



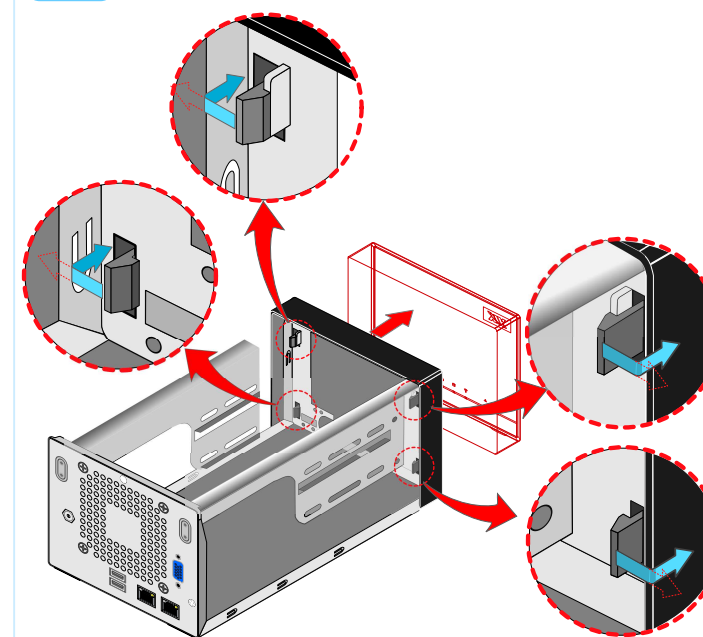
**3** The SODIMM memory slots are located on the edge furthest away from the chassis fan.



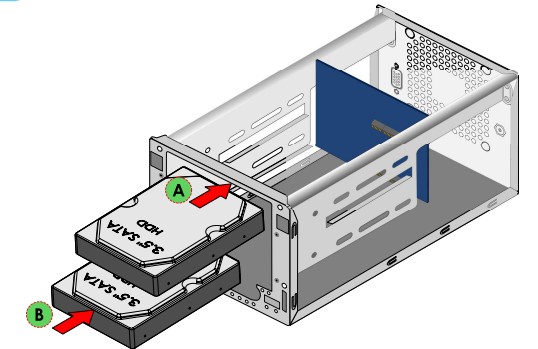
**4** Align the notch on the SODIMM with the memory slot. Then insert it at a 30 degree angle and push the SODIMM down until it locks in place.



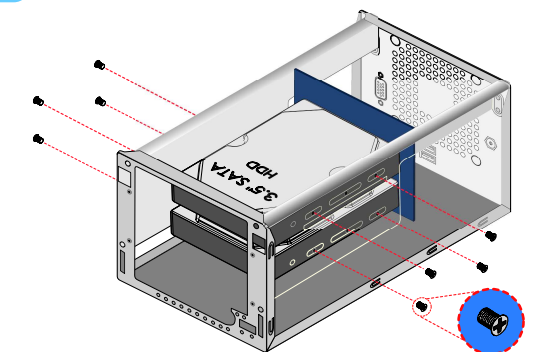
**5** Press the tabs outward to release the hook and then push the tabs forward to release the front cover.



**6** Slide the hard disk into the HDD bay and gently push it forward until the SATA connector is fully inserted.



**7** Secure the hard disk in place with four mounting screws.



**8** Replace the front panel and chassis cover to complete the hardware installation.