



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for MAXDATA PLATINUM 2200 IR M7. You'll find the answers to all your questions on the MAXDATA PLATINUM 2200 IR M7 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual MAXDATA PLATINUM 2200 IR M7 User guide MAXDATA PLATINUM 2200 IR M7 Operating instructions MAXDATA PLATINUM 2200 IR M7 Instructions for use MAXDATA PLATINUM 2200 IR M7 Instruction manual MAXDATA PLATINUM 2200 IR M7

MAXDATA PLATINUM 2200 IR – Quick Start Guide

Thank you for buying a MAXDATA PLATINUM 2200 IR Server. This document describes how to set up the system, turn on the system, and complete configuration for the system.

Follow the link "User Support and Tools?" on www.maxdata.de to access the download area and download any additional guides.

1 Safety

Warning

Installation and service installation and removal of this product is to be performed only by qualified service personnel to avoid risk of injury from electrical shock or energy hazard.

Enclosure cover In order to operate with applicable safety, emission, and thermal requirements, no covers should be removed and all fans must be fitted with drive centers.

Battery Safety There is a danger of explosion if the battery is incorrectly installed. Dispose of used batteries in accord with the manufacturer's instructions and national regulations.

Caution

Electrostatic discharge Observe normal Electrostatic Discharge (ESD) procedures during system integration to avoid possible damage to the server board and/or other components of the server system.

Server system power Server power ON/OFF The power button DOES NOT turn off the system AC power. To remove power from server systems, you must unplug the AC power cord from the wall outlet on the chassis.

2 Site Selection

The system is designed to operate in a typical office environment. Choose an installation site that is:

- Clean, dry, and free of airborne particles (other than normal room dust).
- Well ventilated and away from sources of heat (including direct sunlight and radiators).
- Away from sources of vibration or physical shock.
- Isolated from strong electromagnetic fields (including electrical devices).
- In an area that is not susceptible to electrical storms. We recommend you plug your system into a surge protector and disconnect when construction work is in your vicinity during an electrical storm.
- Protected with a properly grounded metal outlet.
- Provided with sufficient space to access the power supply control, because they serve as the product's main power disconnect.

3 System Overview

Technical Specification

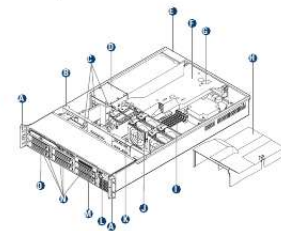
- Dimensions:
 - 875 mm high
 - 620 mm wide
 - 735 mm deep
 - 23.5 kg / max. chassis weight
- System Power:
 - 500-575 W @ 100V to 124 max.
 - 230-240 V @ 500-575 W @ 6 A max.
 - Temperature Range: 10°C to 35°C

Regulatory Compliance

- This product complies to the following requirements:
 - EN 60950 - Safety
 - EN 60950-2 - Immunity
 - EN 60950-3 - EMC
 - EN 61559-2-2 - Harmonics
 - EN 61559-2-3 - Voltage Flashes
 - CE - EMC Directive 89/332/EEC
- This product has a CE Declaration of conformity (CISPR EMC Class B).
- This server system is compliant to European Directive 2002/95/EC (RoHS).

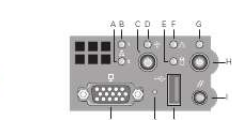
MAXDATA PLATINUM 2200 IR M7

Chassis Components



- A. Rack handle
- B. SAS/SATA backplane
- C. Air Blower
- D. Power Distribution Module
- E. Power Supply Module Housing (compatible with hot-swap supply module)
- F. Rear Card Assembly
- G. Integrated Chassis Inlet Switch
- H. Protection Air Dust
- I. Systems Memory
- J. System Fan Assembly (included with optional chassis)
- K. Bridge Board
- L. Control Panel (standard control panel optional)
- M. Fan Bay (B-H HDD or Type Drive optional)
- N. Hard Drive Bay
- O. Storage Optical Drive Bay

Standard Control Panel



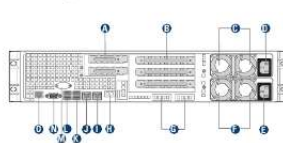
- A. NC2 Activity LED
- B. NC1 Activity LED
- C. Power/Sleep Button
- D. Power/Sleep LED
- E. Hard Drive Drive Activity LED
- F. Systems Status LED
- G. System Identification LED
- H. System Identification Button
- I. Reset Button
- J. USB 2.0 Port
- K. RW/Write Button
- L. Video Port

Local Control Panel (optional instead of Standard Control Panel)



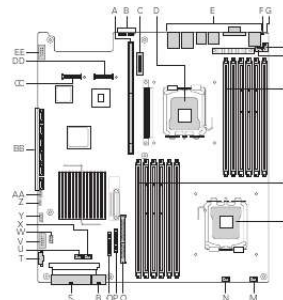
- A. USB 2.0 Port
- B. LCD Display
- C. Menu Control Button, Scroll Up
- D. Menu Control Button, Scroll Down
- E. Menu Control Button, Scroll Left
- F. Menu Control Button, Scroll Right
- G. System Identification LED
- H. Power/Sleep LED
- I. Power/Sleep Button
- J. System Status LED
- K. NC2 Activity LED
- L. NC1 Activity LED
- M. Hard Drive Activity LED
- N. Reset Button
- O. USB 2.0 Port

Rear of Server System



- A. Low Profile Add-in Card Slot
- B. Full Height PCI Add-in Card Slot
- C. Upper Power Supply Module
- D. Upper Power Redundant
- E. Lower Power Redundant
- F. Lower Power Supply Module (optional)
- G. I/O Module (optional)
- H. Server Management NIC (optional)
- I. NC1
- J. NC2
- K. USB 6
- L. USB 5
- M. USB Serial A Connector
- N. Video
- O. RJ45 Serial B Connector

4 Server Board Connector and Component Locations



- A. 28.5mm Intel Adaptive Rear Card Slot
- B. POST indicator
- C. Intel® Xeon® Processor
- D. Processor 1
- E. Back panel I/O
- F. I/O LED
- G. System status LED
- H. Fan header
- I. Fan header
- J. Processor 1 DIMM slots
- K. Processor 2 DIMM slots
- L. Processor 2
- M. Fan header
- N. Fan header
- O. Bridge board connector
- P. Power connector
- Q. Fan header connector
- R. 2nd power connector
- S. Main power connector
- T. Power supply DIMM connector
- U. Fan header
- V. USB header
- W. Serial data drive header
- X. Fan header
- Y. LCP/JTAG header
- Z. DIMM JTAG header
- AA. SATA header
- BB. SATA connectors
- CC. I/O module mezzanine connector 2
- DD. I/O module mezzanine connector 1
- EE. Serial port header



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Quick Start Guide

Manual abstract:

K. L. M. N. O. Power/Sleep Button System Status LED NIC 2 Activity LED NIC 1 Activity LED Hard Disk Activity LED Reset Button USB 2.0 Port C D E F C.
D. E. F.

G. Safety Warning Installation and service Installation and service of this product is to be performed only by qualified service personnel to avoid risk of injury from electrical shock or energy hazard. Enclosure cover In order to comply with applicable safety, emission, and thermal requirements, no covers should be removed and all bays must be fitted with drive carriers. Battery Safety There is a danger of explosion if the battery is incorrectly replaced. Dispose of used batteries in accordance with the manufacturer's instructions and national regulations.

O N ML K J I HG H. Rear of Server System N M L A K A B J Caution Electrostatic discharge Observe normal Electrostatic Discharge (ESD) procedures during system integration to avoid possible damage to the server board and/or other components of the server system. Server system power System power on/off: The power button DOES NOT turn off the system AC power. To remove power from server system, you must unplug the AC power cord from the wall outlet or the chassis. A.

B. C. D. E. Rack Handles SAS/SATA Backplane Air Baffles Power Distribution Module Power Supply Module Housing (supports up to two power supply modules) Riser Card Assembly Integrated Chassis Intrusion Switch Processor Air Duct I. J. K. L. M. System Memory System Fan Assembly (redundant option shown) Bridge Board Control Panel (standard control panel shown) Flex Bay - 6th HDD or Tape Drive (optional) Hard Drive Bays Slimline Optical Drive Bay ONL JIH MK G F.

G. N. @@@@. Away from sources of vibration or physical shock. @@@. Provided with a properly grounded wall outlet. @@ - 200-240 V at 50/60 Hz; 6 A max. Temperature Range: +10 °C to +30 °C I L K J BB A. B. C. D. E.

@@H. I. J. K. @@@@B.

C. D. E. F. G.

@@J. K. L. M. N. @@@@R. S. T. U. V.

W. X. Y. Z. AA. BB. CC. DD. EE. @@C.

D. E. H I J F. G. H.

I. J. K. L. K M.

N. O. @@Slide the cover forward until it clicks into place (see letter "A"). Installing the PCI Add-in Card Riser Assembly Align the three hooks in the riser assembly with the matching slots at the back of the server system (see letter "B"). Press down uniformly until the three hooks on the rear of the PCI riser assembly engage the server system back panel slots. The riser cards will seat into the matching sockets on the server board. Install the Carrier Assembly. B A A B Note Carrier lever must be held in the FULLY OPEN position to install into chassis. Slide carrier into chassis until it stops, then rotate the lever until it snaps shut. Installing a PCI Add-in Card Open the rear retention clip by pushing the blue slide upward and rotating clip to the fully open position (see letter "A").

Open the front retention clip by rotating 90 degrees outward (see letter "B"). Hard Drive Numbering Diagram Installing the Front Bezel Push the bezel onto the front of the server system until it clicks into place. Removing and Installing the Processor Air Duct Remove the filler panel from the selected add-in card slot (see letter "C"). Insert add-in card until it seats in riser card connector (see letter "D"). Close both retention clips. 1 0 Drive 0 Primary Drive Bay 3 2 5 4

Caution If you install less than 6 drives or devices, empty drive bays must be occupied by carriers with baffles to maintain proper system cooling. To avoid possible damage to your chassis, use only carriers that came with your server system. A C D B Replacing the Power Supply If a power supply is installed, release the latch and remove the power supply by pulling on the handle as shown in the figure below. Installing Hard Drives Remove the Plastic Air Baffle. B A Removing the Server System Cover Remove the safety screw if it is installed.

@@@.



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