



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for MAXDATA SERVER PLATINUM 1500 IR M6. You'll find the answers to all your questions on the MAXDATA SERVER PLATINUM 1500 IR M6 in the user manual (information, specifications, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual MAXDATA SERVER PLATINUM 1500 IR M6 User guide MAXDATA SERVER PLATINUM 1500 IR M6 Operating instructions MAXDATA SERVER PLATINUM 1500 IR M6 Instructions for use MAXDATA SERVER PLATINUM 1500 IR M6 Instruction manual MAXDATA SERVER PLATINUM 1500 IR M6

MAXDATA Server PLATINUM 1500 IR M6 – Quick Start Guide

Thank you for buying a MAXDATA PLATINUM 1500 IR M6 Server. This document describes how to set up the system, turn on the system, and complete configuration for the system.

Please go to <http://ftp.maxdata.com> or "MAXDATA Platinum Server" on "Manual" to download a manual containing additional information.

1 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 energy hazard.
- Electrostatic discharge:** In order to comply with applicable safety, emission, and thermal requirements, no covers should be removed and all steps must be listed with care.
- 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.

Caution

- Electrostatic discharge:** Observe correct 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 (ON/OFF) NOT turn off the system AC power. To remove power from server system, 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. Observe the following:
- 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 all any other electromagnetic fields or pulsed by electrical devices.
- In an application not susceptible to electrical storm, use recommended grounding your system into a surge suppressor and disconnect telecommunication line to your system during an electrical storm.
- Provided with a properly grounded wall outlet.
- Provided with sufficient space to access the power supply controls, because they serve as the product's main power disconnect.

3 System Overview

Technical Specification

Dimensions

- 432mm high
- 520mm wide
- 602mm deep

Weight

- 16.1 kg (max. chassis weight)

System Power

- 100-277V at 50/60 Hz, 3.0A max.
- 230-240V at 50/60Hz, 3.0A max.
- Temperature Range +5°C to +35°C

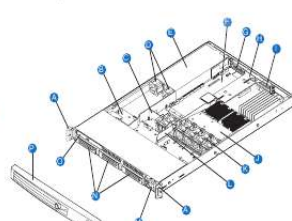
Regulatory Compliance

- This product complies to the following requirements:
- EN 60950-1 Safety
- EN 55022 - Emission
- EN 55024 - Immunity
- EN 61010-1-1 - Harmonics
- EN 61010-2-1 - Voltage Tripler
- CE - EMC Directive 2014/53/EU

This product has AEC-qualified components of conformity (CISPR EMC Class B).

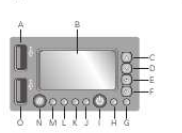
This server system is compliant to European Directive 2012/21/EU (EMC).

Chassis Components



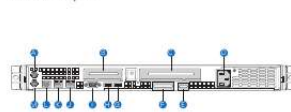
- A. Rack handles
- B. Backplane
- C. Air ducts
- D. Power supply fans
- E. Power supply
- F. Server board
- G. PCI card bracket (full height)
- H. PCI slot cover assembly
- I. PCI card bracket (low profile)
- J. Processor fan duct
- K. Fan module
- L. Bridge board
- M. Control panel (standard control panel shown)
- N. Hard drive bays
- O. Slimline Optical Drive Bay
- P. Front bezel (optional)
- S. Power/Sleep Button

Local Control Panel (optional instead of Standard Control Panel)



- A. USB 2.0 Port
- B. LCD Display
- C. Menu Control Buttons, Scroll Up
- D. Menu Control Buttons, Scroll Down
- E. Menu Control Buttons, Scroll Left
- F. Menu Control Buttons, Scroll Right
- G. System Identification LED
- H. Power/Sleep LED
- I. Power/Sleep Button
- J. System Status LED
- K. NIC 2 Activity LED
- L. NIC 1 Activity LED
- M. Hard Disk Activity LED
- N. Power Button
- O. USB 2.0 Port

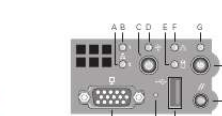
Rear of Server System



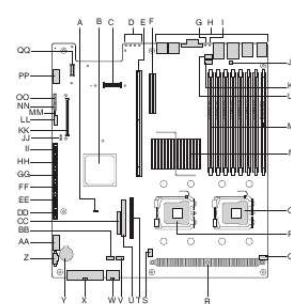
- A. PS2 mouse connector
- B. PCI card bracket (low profile)
- C. PCI card bracket (full height)
- D. AC Power/Resettable
- E. Management Network Interface (optional)
- F. 10 medical Ethernet connector (optional)
- G. USB 1 connector
- H. USB 2 connector
- I. Video connector
- J. NIC 1 connector
- K. NIC 2 connector
- L. RJ45 serial port
- M. PS2 keyboard connector

4 Server Board Connector and Component Locations

Standard Control Panel



- A. NIC 2 Activity LED
- B. NIC 1 Activity LED
- C. Power/Sleep Button
- D. Power/Sleep LED
- E. Hard Disk Drive Activity LED
- F. System Status LED
- G. System Identification LED
- H. System Identification Button
- I. Reset Button
- J. USB 2.0 Port
- K. I/O Button
- L. Video Port



- A. 500 Series Select Jumper
- B. Intel® Q2700 BX Controller I/O
- C. I/O Expansion Module Connector
- D. POST Code Diagnostic LEDs
- E. Intel® Active Mail - Full Height
- F. PCI Express Rear Slot - Low Profile
- G. System Identification LED - Blue
- H. Back Panel I/O Ports
- I. Status LED - Green
- J. Serial B Configuration Jumper
- K. System Fan 4 Header
- L. System Fan 3 Header
- M. DIMM Sockets
- N. Intel® 1000P MCH
- O. Processor 1 Socket
- P. Processor 2 Socket
- Q. Processor Fan Header
- R. Voltage Regulator Heat Sink
- S. Processor Fan 2 Header
- T. Bridge Board Connector
- U. SATA-100 Optical Drive Connector (Power + ID)
- V. System Fan 2 Header
- W. CPU Power Connector
- X. Main Power Connector
- Y. Battery
- Z. Power Supply Management Connector
- AA. Dual Port USB 2.0 Header
- AB. Dual Port USB 2.0 Header
- AC. 24-pin SCSI Control Panel Connector
- AD. SATA Port 0
- AE. SATA Port 1
- AF. SATA Port 2
- AG. SATA Port 3
- AH. SATA Port 4
- AI. SATA Port 5
- AJ. SATA Drive ID 2 Adapter Key Connector
- AK. Remote Management Module (RMM) Connector
- AL. System Recovery Jumpers
- AM. Chassis Inhibit or Switch Header
- AN. 3-pin PTM Header
- AO. Local Control Panel Header
- AP. Serial A Header
- AQ. PSM NIC Connector



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Manual abstract:

This document describes how to set up the system, turn on the system, and complete configuration for the system. Please go to "http://ftp.maxdata.com/" >> "MAXDATA Platinum Server" >> "Manuals" to download a manual containing additional information. Chassis Components Local Control Panel (optional instead of Standard Control Panel) F E D C B A G A B A. B. USB 2.0 Port LCD Display Menu Control Button, Scroll Up Menu Control Button, Scroll Down Menu Control Button, Scroll Left Menu Control Button, Enter System Identification LED Power/Sleep LED I. J. K.

L. M. N. @ @D. E.

F. @ @ @ @ 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. A. Rack Handles Backplane Air baffle Power supply fans Power supply Server board PCI card bracket (full height) PCI add-in riser assembly O N M L K J I H G H.

P O L N A M A B C D A. B. C. D. I. J. K. L. M. N.

O. P. PCI card bracket (low profile) Processor air duct Fan module Bridge board Control panel (standard control panel shown) Hard drive bays Slimline Optical Drive Bay Front bezel (optional) E. PS2 mouse connector PCI card bracket (low profile) PCI card bracket (full height) AC Power Receptacle Management Network Interface (optional) IO module external connector (optional) USB 1 connector H. I. J. K. L. M. USB 2 connector Video connector NIC 1 connector NIC 2 connector RJ45 serial B port PS2 keyboard connector K J Rear of Server System 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. B. C. D.

E. F. G. H. M L K J I H G F E F.

G. Server Board Connector and Component Locations Site Selection The system is designed to operate in a typical office environment. @ @ @ @. Away from sources of vibration or physical shock. @ @ @ @. Provided with a properly grounded wall outlet. @ @ @ @ Q. R. S. T. @ @ E E. F F.

GG. H H. @ @ D. @ @ - 200-240 V at 50/60 Hz; 4.3 A max. @ @ B. C. D. E. @ @ H.

I. J. K. @ @ J. @ @ Y.

@ @ M M. N N. Regulatory Compliance This product complies to the following requirements: - EN 60950 Safety - EN 55022 Emissions - EN 55024 Immunity - EN 61000-3-2 Harmonics - EN 61000-3-3 Voltage Flicker - CE EMC Directive 89/336/EEC This product has a CE declaration of conformity (CENELEC Europe). This server system is compliant to European Directive 2002/95/EC (RoHS). L.

System Fan 3Header DIMM Sockets Intel® 5000P MCH Processor 1 Socket AA. B B C C. O O. P P. Q Q. Local Control Panel Header Serial A Header R M M NIC Connector Y X W V U T S R M. N. O. Removing the Front Bezel Unlock the bezel and pull it from the server system.

Installing the Server System Cover Place the cover over the server system so that the side edges of the cover sit just inside the server system sidewalls. 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. Slide the cover forward until it clicks into place (see letter "A"). C A B 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"). Hard Drive Numbering Diagram Installing the Front Bezel Push the bezel onto the front of the server system until it clicks into place. Open the front retention clip by rotating 90 degrees outward (see letter "B"). Drive 0 Primary Drive Bay Remove the filler panel from the selected add-in card slot (see letter "C"). Removing and Installing the Processor Air Duct Insert add-in card until it seats in riser card connector (see letter "D"). Close both retention clips. @ @ @ @ @ Lift riser assembly straight up (see letter "B").

While holding in the blue button at the top of the server system in (see letter "B"), slide the top cover back until it stops (see letter "C"). Insert your finger in the notch (see letter "D") and lift the cover upward to remove it. A D A C B Drive Carrier A B Install the Hard Disk Drive. Attach with four screws .



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