



The banner features the MISOLIMA logo on the left, with icons for Linux (Tux), Ubuntu (drupe), and Drupal (water drop). Below these icons is a yellow bar with 'DRUPAL CMS' and 'READY TO GO SERVER'. The main text reads 'MISOLIMA® Desktop and servers for SME's' and 'Low-Power Mini-ATX Linux/Ubuntu'. On the right is a photograph of a black MISOLIMA server case. At the bottom, the text 'ALL-IN-ONE SOLUTIONS' is displayed in large, bold letters.

ITX form factor

MISOLIMA® Desktop PC and Servers SD1500-64 LUxx Innovative Series



Micro-servers

MISOLIMA® is a registered trademark owned by FIKO Software Co., Ltd.

The MISOLIMA® SD1500-64 product family of desktop PC's and microservers provides small size, greater and optimised performance, and better power efficiency than most desktop PC and servers on the market. It's the ideal choice when you need a small size computer for your light-weight workloads that is big on density yet low on power consumption.

The MISOLIMA® desktop and servers SD1500-64 is the latest innovation series computers that optimises the performance based on Intel® Atom processors and Intel® chipset. The fully installed Linux and Ubuntu gives value-added features, and easy integration to both desktops and Linux servers for SME's. The ready to use server versions contains Drupal - Content Management System (CMS), that makes it possible to be up and running with your own website and server in the matter of minutes. All you need to do is to add content in the form of text and graphics. The system comes with its own menu system and fully integrated free of charge e-commerce package that connects directly to the PayPal payment system. It has both forms and forum systems pre-installed.

For security reasons and for your convenient, several spam filters are included to ensure that your website keeps spammers out of your web content. The server configuration and maintenance can either be done by your self, or remotely via our service support centre.

The server versions of SD1500-64 are powerful enough to enable a reach Internet experience and provide SME's and home users with a system that gives possibilities in the form of product, services or subscription showcase topped up with e-commerce and digital content deliveries.

Depending on the configuration, the SD1500-64 system has integrated Atom dual core 1.86 GHz Intel® processor. The memory modules used is 4Gb SO-DIMM 1066 MHz, and delivers greater performance and power savings. The boards used has better heat flow, and uses passive cooler system. However, the case has a small 4cm, 12 volt fan installed to extract heat from the case.

MISOLIMA® SD1500-64 provides enhanced features such as 10, 100, or 1000 Mb/s LAN. It has integrated 4-channel Intel® High Definition Audio, PS/2 port, 1x RS-232 serial port, 1x bi-directional parallel printer port, 4 USB 2.0 ports, and standard VGA 15-pin connector available at the back.

The computer case

The mini-ITX metal computer case is black with blueish PVC front panel. It has both internal and external blue LED lights, with red indicator for hard drive operation. The outside case measurements are only High=19cm, Width=21.5cm, and Depth=5.9cm. Computer system includes a 15V/5A external 120-220V AC power adapter and an internal 120W DC power board. The front has 2xUSB version 2.0 ports, 2x Audio line-out and micro-phone in-ports. The front has also a 12-5V DC 4-pin connector and a SATA outlet for external storage drives.

Drupal CMS

Drupal is an Open-Source Content Management System. MISOLIMA® are delivering the server versions with Drupal ready installed. The theme installed is *Adaptive SubTheme*, a theme specially designed to handle both PC, smart phones and tablet PC screen sizes. The system is ready to add content, in the form of menu items, text and graphics.



MISOLIMA® desktop PC and servers SD1500-64 Innovative Series

The SD1500-64 LUMD desktop PC contains:

- Motherboard and CPU
- 4Gb memory
- 60Gb SSD
- Computer case
- External power adaptor 110-220V AC
- Linux
- Ubuntu
- Linux Mint Cinnamon
- USB memory stick with PHPAdmin, Webmin, and other needed software
- Cables **PS! Grounded 110/220V power cord must be purchased separately in your own country to fit your own outlet connector standard.**
- Keyboard, mouse and monitor not included.

MISOLIMA® SD1500-64 a desktop PC and server solution for SME's



MoonStone Mini MISOLIMA SD1500-64 LUMD

The SD1500-64 LUDS server contains:

- Motherboard and CPU
- 4Gb memory
- 60Gb SSD
- Computer case
- External power adaptor 110-220V AC
- Linux
- Ubuntu server
- KDE Daemon
- Drupal
- Adaptive Themes
- Drupal modules
- USB memory stick with PHPAdmin, Webmin, and other needed software
- Cables **PS! Grounded 110/220V power cord must be purchased separately in your own country to fit your own outlet connector standard.**
- Keyboard, mouse and monitor not included.



Open MISOLIMA® SD1500-64 LUDS server

PROCESSOR

Intel® Atom dual core 1.86 GHz
512 kb x 212 cache*

CHIPSET

Intel® NM10 Express chipset

Graphics

Intel® Media Accelerator 3600
One 15-pin D-sub VGA port

I/O controller

Two SATA ports
One PS/2 port
One serial header
One RS-232 serial port
One Centronics parallel port

USB version 2.0

Four external ports at the back
Two external ports at the front

Audio Solution

2x2 channels Intel® High Definition Audio with multi-streaming.
Front panel microphone and headphone connectors.

Local Area Network (LAN)

10, 100 or 1000 Mbps Ethernet controller.

System BIOS

8 Mb FLASH EEPROM with Intel® EFI Plug'n Play IDE auto configuration.
Advanced configuration and power interface.
Multilingual support.
Serial Peripheral Interface (SPI) Flash.
Fast POST BIOS

SYSTEM MEMORY

Memory capacity

Single-channel DDR3 with two connectors for 1066/800 MHz memory support @ 4Gb max.

Memory types

DDR3 1066/800 MHz SDRAM memory support.
Non-ECC memory.

Memory voltage

1.8V

Wake-up from network

Wired for Management (WfM) compatible.
Support for system wake-up using and add-in network interface card with remote wake-up capability.

PANEL CONNECTORS

Front panel

Reset, HD LED, Power LED, Power ON/OFF switch
2x USB connectors
2x audio out 3.5mm connectors
1x microphone 3.5mm connector
Power connector
SATA connector

Back panel

4x USB version 2.0 connectors
1x LAN connector
1x 9-pin D-sub RS-232 connector
Spare 9-pin D-sub connector space
1x 25-pin D-sub printer connector
2x audio out 3.5mm connectors
1x microphone 3.5mm connector
1x 15-pin D-sub VGA connector.
Power in connector.

MECHANICAL

Board style

Mini-ITX
170x170mm

Computer case

215x190x59mm

ENVIRONMENT

Operating temperature

0°C to +50°C

Storage temperature

-20°C to +70°C

REGULATIONS AND SAFETY STANDARDS

Europe

Low-voltage directive 2006/95/EC
EN60950-1

USA

UL60950-1

Canada

CAN/CSA-22.2 No 60950-1

International

IEC 60950-1

EMC regulations Class B

Europe

EMC directive 2004/108/EC
EN55022 and EN55024

USA

FCC CFR Title 47. Chapter I. Part 15. Subparts A/B

Canada

ICES-003

Australia/New Zealand

EN 55022

International

SICPR22

Environment compliance

Europe

Europe RoHS directive 2002/95/EC

China

China RoHS MII order #39

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Availability may vary.

MISOLIMA® SD1500-64xxx may differ from the picture shown.

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