

OpenBlockS266/128/16R

Quick Setup Guide

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* This manual describes the minimum configuration items needed for installation and connection to a network. For more information about configurations, see the User's Manual PDF found on the CD ROM included with this product.

? Click the following URL for more information about OpenBlockS266.

? <http://www.plathome.com/products/microserver/obs/index.html>

Important Notice

- This product is designed and built for normal office duties. Please do not use for purposes that demand high reliability with a significant influence on life and property, such as medical devices, electric power facilities and military purposes.
- Outputs used for explanatory screen shots may differ from the actual screens.
- The contents, specifications, and cost may change without notice.
- The actual product may differ from that depicted in the images shown.

Measures against sudden drops in power voltage

Sudden drops in voltage can be caused by lightning and other factors. We recommend to use an uninterruptible power supply (UPS).

Factory default password

The OpenBlockS is configured with the following root user:

User name: root

Password: root

Telnet-Login is disabled for root by default, please use the following user:

User name: user1

Password: user1

You can assume root privileges after login with the su command. Please change the root password during first login.

Preventing radio wave interference

- This equipment is information technology equipment in compliance with the standards set by the Voluntary Control Council for Interface by Information Technology Equipment (VCCI).

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- This equipment complies with the class A standard of the Federal Communications Commission (FCC).

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This product contains many software components that have GNU Public Licenses or BSD Copyrights, which are freely distributable. Depending on the application, however, distribution without the permission of the owner is not allowed.

1. Introduction

Thank you for purchasing the OpenBlockS266/128/16R. Please follow the instructions below for correct use of our product.

Step 1: Cautions

Please read the warning notes in the accompanying sheet, as well as chapter 2 of this manual.

Step 2: Included components and accessories

Please check whether all components and accessories listed in the table on the right were included in your delivery.

Step 3: Warranty

Please read our warranty conditions in chapter 3, and take the time to fill out the warranty card (last page of this manual).

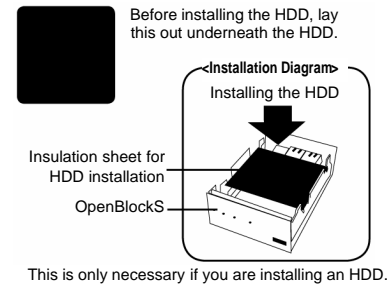
Step 4: Basic Setup

Connect the device to your network and perform basic setup as described in Chapter 4 of this manual.

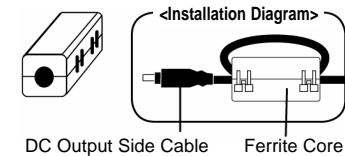
Included components and accessories

OBS266/128/16R	1
Dedicated AC adapter	1
Power cable	1
Ferrite core	1
RS-232C RJ45 - Dsub 9 pin adapter cable	1
10BaseT straight cable	1
HDD insulation sheet	1
CD-ROM	1
This manual	1
Warning notice sheet	1

HDD insulation sheet



Ferrite Core



2. Important Safeguards

Please operate this appliance system according to the instructions and procedures contained in this manual. Neglecting to follow the safety precautions may cause a fire, or damage the equipment.

 Warning

Power Supply

- Always use the AC adapter that comes with this product. Check whether the AC adapter delivered with your OpenBlockS meets the specifications of your local power supply. The OBS standard power adapter is specified for 100V - 240V, 50-60 Hz.
- Plat'Home does not take liability for any damage caused by using power supply outside of the specifications or AC adapters other than the one shipped with this product.
- Do not force the power plug and other ports and connectors. This may damage the equipment.
- Always use the power cable supplied with this unit. Do not place items on the power cable; pull on the power cable; push or bend it. Do not place heavy objects on the AC adapter or cable, and do not place near any heating devices. Damage to the power cable's insulation coating may cause fire or electric shock.
- If abnormalities such as smoke or strange noises occur, immediately unplug the AC adapter from the power outlet, and contact our company or your local dealer.

Environment

- Do not use volatile liquid such as oils, nail polish, remover, etc. near this equipment. Do not place it in a humid or dusty site, or in a site where it is exposed to oily fumes or steam. Do not place anything containing water such as vases, flower pots, or glasses near this device.

- If water is spilled and gets into the equipment, it may cause fire or electric shock. Unplug the AC adapter immediately and contact our company or your local dealer.
- When wiping dust off of this equipment, do not use volatile cleaning liquids such as thinner or benzene; use a dry cloth. If you use an alcohol, the paint may peel.
- Do not touch the equipment while it is operating or immediately after it is turned off as it becomes very hot.
- We cannot guarantee against damage caused by natural disasters such as lightning strikes, or damage caused by mishandling.
- Do not use it in direct sunlight or near equipment that generates heat such as a space heater.

Shutdown

- When shutting down this system, follow the prescribed shut down procedure. Forcibly cutting off the power may result in data loss.

3. Warranty

Terms of Warranty

This product is covered by a 3 year warranty.

Plat' Home Co., Ltd. warrants that this product, if properly used, will be free from defects in material and workmanship and will substantially conform to our publicly available specifications for the warranty period beginning from the date of your purchase. For proper usage of the product, please observe the items set forth in this warranty. The remedies set forth in this warranty are conditional upon the observation of the content of the product manuals, Plat'Home regulations and the cautions and warnings. If you use this product for a purpose other than those specified, Plat'Home may refuse to service the products, regardless of whether the repair is remunerated or not.

1. Product Usage Restrictions

(1) Do not use this product for the following purposes.

Military applications, nuclear power generation facilities, traffic control facilities, fire prevention facilities, machinery control applications, medical instrumentation for life support, and in other environments hazardous to life and property.

(2) The usage environments, and other conditions stipulated in each of the manuals accompanying this product must be adhered to.

2. Shipping Precautions

(1) Ship the product in the packaging in which it was shipped from Plat'Home. (Store the original box and packaging materials in good condition for future use.)

(2) Ensure that the product is not subjected to jolts or impacts during shipping.

3. Storage and Installation Precautions

Do not store or install the product in the following sites.

(1) High temperature sites, low temperature sites, or sites with severe fluctuations in temperature.

(2) Sites exposed to contact with water, or sites with high humidity.

(3) Sites exposed to direct sunlight, or sites exposed directly to the hot air from a heater.

(4) Sites having a substantial amount of micro particles, such as tobacco smoke, dust, lead whiskers, etc.

(5) Sites at which there are substantial magnetic fields or discharges of static electricity.

4. Power Supply Precautions

(1) Use the product in an environment conforming to the power supply specifications described in the product manual. Avoid using the system in environments in which power outages occur easily, or environments with extreme fluctuations in voltage.

5. Connection Precautions

(1) Confirm that the power is OFF to devices other than this product before performing the connection:

(2) When connecting or disconnecting cables, grasp the respective connector portion and proceed carefully to perform the operation.

(3) Do not use multiple-socket extension cords, as the power supply may become unstable, causing abnormal operation, or a fire.

6. Operating Precautions

(1) Allow ample time between turning the power to the system ON ? OFF, and OFF ? ON.

(2) Ensure that the product is not subjected to jolts or impacts during operation.

(3) You must back up data on a daily basis.

(4) Maintain the vicinity of the product installation site in a clean state, ensuring that dust and foreign matter is not introduced into the system.

(5) In the case that an abnormal smell or sound is noticed, shut the system down immediately and turn OFF the power.

7. Parts

(1) In the case that a malfunctioning part is no longer in production or are difficult to obtain, the part may be replaced with one of a comparable class or higher (a price differential for higher grade products may be required).

(2) If you replace a component with which the product is equipped, the product and the component are no longer covered by the warranty.

(3) There is no guarantee regarding the period for which the product and components will be available on the market. The production and sale of the product may be discontinued without prior notice.

(4) The appearance, specifications, and construction of the product may change without notice.

(5) Parts used for replacement may be new or equivalent-to-new parts.

8. Compatibility

(1) Plat'Home explicitly disclaims liability related to compatibility issues with subsequent hardware and/or software releases not approved at the time the product was shipped.

(2) Only operation with an OS (refer to the manual) that has been approved by Plat'Home is warranted. OS that have been approved for use with this product at the time of delivery are listed in the User's Manual. Refer to the Plat'Home Website for information on the most recently approved OS. If you want to use an OS that was approved after delivery of your product, a service requiring a fee may be required.

(3) The selection and combination of OS, applications and the like, customer performed modification of the interior wiring of the product and the like, customer performed addition and/or replacement of devices, and the like are carried out at the sole responsibility of the customer. Operational confirmation of the customer's combination of hardware and/or software, compatibility and the like are not warranted by Plat'Home.

(4) In the case that it is not possible to operate the system after replacement of defective parts as stipulated in 7-(1) with compatible parts of the same or higher class due to the use of specific OS, BIOS, or kernels, the customer may be required to replace the OS, BIOS, or kernels at the customer's expense. Operability and compatibility of customer added components, and the applications that were in use prior to replacement of the OS, BIOS, or kernels are not warranted by Plat'Home.

9. Stored Data

Even when used in the correct installation environment and operating situation, computer malfunctions and crashes do occur. This company does not provide a data recovery service.

To prevent the loss of data, back up data on a daily basis.

(1) Plat'Home does not warrant data stored in the product.

(2) There are cases in which data is damaged when the system undergoes repair, inspection, or reproduction of a malfunction state for confirmation.

Back up all required data before requesting repairs.

10. User Registration

To register, complete the required items and then fax the included Warranty card to us, or go to our Web site and enter the information there. If you do not complete the user registration process, even if a fault or defect in the system is discovered, Plat'Home is under no obligation to provide notification thereof.

11. Reception of Product for Repair

- (1) Products are accepted for repair on the condition that the functionality of the defective product is capable of being restored by the repair.
- (2) The repair work on the product to be repaired will be carried out by the Plat'Home maintenance department, or a technician designated by Plat'Home.
- (3) The customer may carry the product in need of repair to the sales outlet, or ship it to Plat'Home. When the repair work is completed, the product will be sent back to the point of reception.
- (4) We request that the customer bear the cost of shipping the product in need of repair. (In the case of a malfunction occurring in the product within 30 days of delivery, please send it back to Plat'Home by COD.) Plat'Home will bear the cost of shipping the repaired product back to the customer.
- (5) The product in need of repair will be repaired on the condition that the customer is able to have the product delivered to Plat'Home from its place of installation. Plat'Home will not be liable for repair if the product is unable to be removed from its installation location due to a reason such as a customer's concern for protecting their trade secrets. Further, Plat'Home will not sign any type of Non-Disclosure Agreement or the like when receiving a product for repair.

12. Provision of Rental Machine During Period of Repair Work

If a replacement machine is required during the period in which the repair work is being carried out, Plat'Home will provide one for a fee. Regarding the fee for renting a replacement machine, please inquire at the maintenance department. Note that repair costs incurred in repairing a rental replacement machine that has been returned damaged, missing parts, or the like, are to be borne by the customer.

13. Limited warranty/Liability

WARRANTIES HEREIN SET FORTH REPLACE ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. PLAT'HOME DISCLAIMS ALL OTHER WARRANTIES, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

PLAT'HOME'S RESPONSIBILITY UNDER THIS OR ANY OTHER WARRANTY, IMPLIED OR EXPRESS, IS LIMITED TO REPAIR, REPLACEMENT OR REFUND, AS SET FORTH ABOVE. THESE REMEDIES ARE THE SOLE AND EXCLUSIVE REMEDIES FOR ANY BREACH OF WARRANTY. PLAT'HOME IS NOT LIABLE TO DIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OR UNDER ANY OTHER LEGAL THEORY INCLUDING, BUT NOT LIMITED TO, LOST PROFITS, DOWNTIME, GOODWILL, DAMAGE TO OR REPLACEMENT EQUIPMENT AND PROPERTY, AND ANY COSTS OF RECOVERING, REPROGRAMMING, OR REPRODUCING ANY PROGRAM OR DATA STORED IN OR USED WITH A SYSTEM CONTAINING THE PRODUCT.

Terms of Unpaid Repair

Within the period for unpaid repair, Plat'Home will repair defective products free of charge, given that all conditions contained in the Terms of Warranty and Terms of Unpaid Repair are satisfied.

1. Period for unpaid repair

The period for unpaid repair is set forth in the Terms of Warranty. The period for unremunerated repair is calculated from the date of delivery, so maintain the sales receipt and Warranty in a safe place.

2. Confirming contents of package, and operation

The time the customer spends confirming the contents of the package and operability of the product is also included in the Warranty period, so be sure to confirm everything promptly.

3. Product Failure during first 30 days

Only when the following conditions are met, product devices and specifications covered by the Warranty will be remedied by Plat'Home by replacement of defective parts or provision of missing components free of charge.

- (1) The defect is discovered within 30 days of product delivery.
- (2) A malfunction or function not conforming to specification is discovered by a Plat'Home technician.

4. Defective parts

The ownership rights for defective parts that have been replaced revert to Plat'Home.

5. Even during the period for unpaid repair, in the following cases fees will apply.

- (1) The date of delivery cannot be confirmed because the sales receipt and Warranty Card are missing when the request for repair is made.
- (2) The sales receipt or the Warranty Card have been modified.
- (3) The product has been operated such that the cautions and warnings, usage conditions, environment conditions and the like contained in the product manuals have not been satisfied.
- (4) The product requires an on-site repair but is not covered by an on-site warranty.
- (5) Cases in which a description of the content of the malfunction is not provided. Or cases in which the customer does not cooperate in efforts to verify the content of the malfunction.
- (6) Cases in which the description of the content of the malfunction is not clear, and cases in which an inspection fee is required because a malfunction has recurred.
- (7) Cases in which the content of the malfunction cannot be reproduced by the Plat'Home maintenance department.
- (8) Cases in which the malfunction or damage is due to transportation of the product.
- (9) Cases in which the malfunction or damage is due to a natural disaster, such as an earthquake, typhoon or other natural disaster, a riot or other man made disaster, or an environment related cause such as an abnormal electrical voltage or pollution.
- (10) Cases in which the malfunction was caused by another device connected to the product.
- (11) Cases in which repairs, modifications, adjustments, restructuring, or the like have been performed by the customer, or someone other than a Plat'Home maintenance technician or Plat'Home designated technician.
- (12) Malfunction or damage due to mishandling or inappropriate use.
- (13) Cases in which trouble has resulted from the customer having installed an OS or a BIOS update not approved by Plat'Home, modification of the monitor program, hardware and/or software upgrades and/or additions.

Terms of Paid Repair

Parts not covered by the Terms of Unpaid Repair will be repaired for a set fee by Plat'Home only when the functionality of the product can be restored by the repair.

1. Product Life Span

Plat'Home has specified product life spans for each of its products. From the expiry date of the period for unpaid repair and to the end of the specified life span of the product, repair will be provided for a fee. There are cases in which a request for repair will be denied for malfunctioning product that have exceeded the specified life span.

In addition, there are cases in which compatible parts of the same class or a higher class will be provided as replacements when parts are no longer being produced, standards are no longer in effect, or other circumstances making it impossible to acquire parts.

The product life spans established by Plat'Home are as follows.

Unremunerated repair period: one year ? Product life span period: three years from date of delivery

Unremunerated repair period: three year ? Product life span period: six years* from date of delivery

* However, the product life span of products equipped with an IDE (ATA) disk is four years from date of delivery.

2. Replacement Parts

- (1) When it is not possible to procure replacements parts for any reason, there are cases in which a fee will be charged for replacement with an equivalent part or a part having superior performance.
- (2) Requests for repair will be denied in cases when parts cannot be acquired due to the cessation of production thereof.
- (3) A separate maintenance contract is necessary for cases in which maintenance guaranteeing the stock of replacement parts is demanded.

3. Defective Parts

Defective parts replaced for a fee may be disposed of by the customer, or by Plat'Home at the customer's request.

4. Malfunctioning Replacement Parts

When the same part that has been replaced for a fee malfunctions, that part only will be replaced free of charge according to the following schedule.

- (1) Products delivered within three years ? Six months* from the date of completion of the repair
- (2) Products delivered more than three years ago ? Three months* from the date of completion of the repair

* Pertains only to products that have not exceeded the specified life span.

5. Repair Fees

Repair fee estimations are made on a case-by-case basis after an inspection to determine the cause has been carried out.

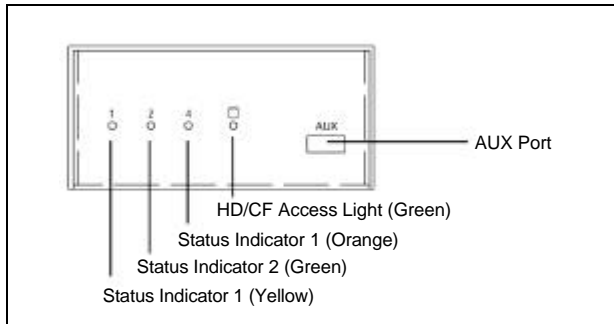
Terms

The Terms of Warranty, Terms of Unremunerated Repair, and Terms of Remunerated Repair are for Plat'Home product guarantee and repairs, and do not infringe on the customer's legal rights.

4. Installing and Connecting the Equipment

4.1. Ports and Indicator Lights

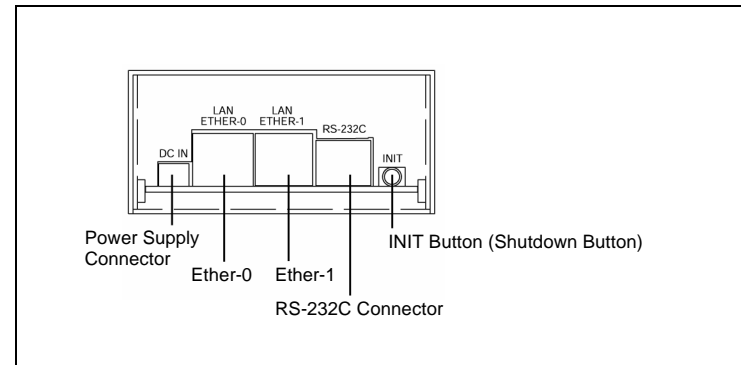
Front face



HD/CF access light	Lit when accessing HDD/CF				
Status indicators 1, 2, and 4: = on = blinking	LED	1	2	4	
	Loading Kernel				
	Unpacking Kernel				
	Initializing Kernel				
	File system mounting done				

	Executing /sbin/init				
	Booting OS				back and forth
	System halted				simultaneous
AUX port	Connects to the optional serial adapter				

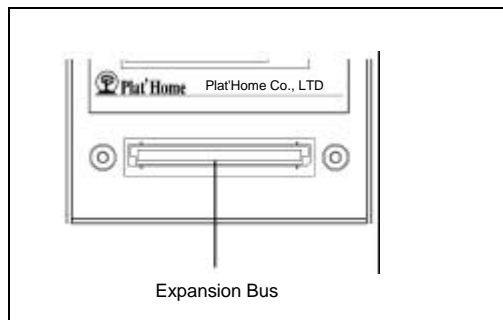
Rear view



DC IN	Connects the included AC adapter to this connector.
Ether-0	10/100Mbps Ethernet port
Ether-1	10/100Mbps Ethernet port
RC-232C (serial port)	RC-232C interface. In default, the port can be used as a console. When the hard disk is connected, you can use software (PPP) for a modem.

INIT button (shutdown button)	Press for shutdown or to load factory defaults at boot
-------------------------------------	--

Bottom



Expansion bus:	You can use this when connecting various optional interfaces.
----------------	---

4.2. Boot and Shutdown

Power On

The OpenBlockS automatically boots when power is plugged in. First, connect the AC adapter to the outlet, then the OpenBlockS to the AC adapter.

Power Off

You can shut down the OpenBlockS either by pushing the Init button, or by using the shutdown command when logged in. When all 3 status indicator LEDs blink simultaneously, the system was shut down successfully. You can now pull the power cable.

Always shut down the device before pulling the power cable to prevent data loss.

4.3. Connection Methods

You can use the following methods to log into the OpenBlockS.

Connection over LAN, using the Web Setup Tool

The OpenBlockS has an internal Web server for setup. You can access it over a PC connected over the Ether-0 port.

With the Web setup tool, you can do network, router, firewall and DHCP server settings over a graphical user interface. The Web Setup Tool does not offer the full range of settings and the package manager which can be accessed by using either the serial console or telnet login.

Using the serial setup tool over the serial port

You can log into the OBS by connecting its serial port with a serial port on a PC. As the OBS serial port is an RJ-45 connector, you will need the included serial port adapter. This allows you to connect to the OBS without setting up an Ethernet connection.

The Serial Setup Tool is a graphical user interface which allows all the settings offered in the Web Setup Tool, plus more detailed settings, file edit, boot options and a terminal.

Login over telnet or serial console

To use the package manager, or to directly edit configuration files, you can directly login to the OpenBlockS over telnet (LAN connection) or the serial console (serial port).

4.3.1. Network Login and Web Setup Tool

Connect the OpenBlockS and a PC with a Web Browser over an Ethernet hub.

You can find a detailed description in the Web Setup Guide, which you can find either on the CD-ROM or our website.

The OpenBlockS is configured with a different fixed IP address for each of the two Ethernet ports.

Ether-0	192.168.253.254
Ether-1	192.168.254.254
Netmask (both ports)	255.255.255.0

For additional settings, please refer to the User's Guide on the CD-ROM.

1) To access the OpenBlockS over the local network, configure the network settings of your computer as follows:

IP address: 192.168.253.XXX (any number between 1 to 253)

Refer to the manual of your PC's OS on how to configure its IP address.

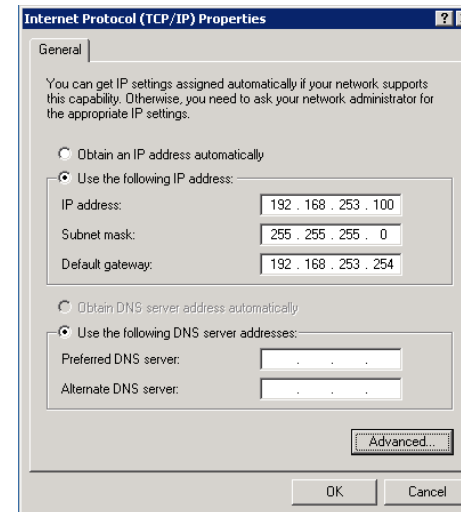
2) Connect the OBS to an Ethernet hub with a straight cable, and the hub to a PC

3) Power on the OpenBlockS

4) Boot the PC

5) Start your Web browser

Example: Windows XP network configuration screen



- (2) Open a web browser on your PC and enter the IP address of the OBS in the browser's URL address bar.

http://192.168.253.254:880/setup.cgi

* You may need to switch off any previous proxy settings or clear the browser cache to establish a connection

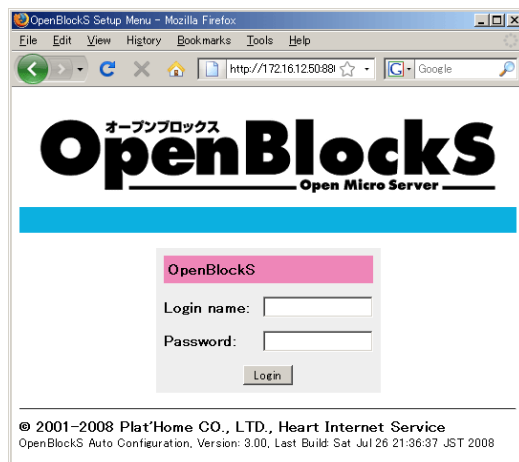
- (3) The OpenBlockS login screen is displayed.

Login name root

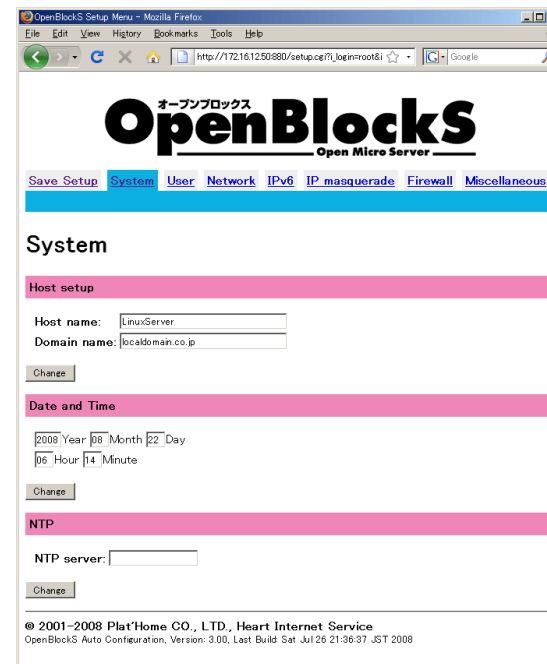
Password root

“root” is the default password. Please change it at first login.

Login Screen



The next screen is the Web Setup Tool main screen.



Expanded Menu Tabs

Below the OpenBlockS Logo you will find a menu bar with several tabs for different settings. For detailed information on each setting, refer to the Web Setup Guide on the included CD-ROM.

[Save Setup](#)
[System](#)
[User](#)
[Network](#)
[IPv6](#)
[IP masquerade](#)
[Firewall](#)
[Miscellaneous](#)

Closing the Web Initialization Screen

- (1) In the menu on the main screen, there is a [Save Settings] tab. Select and execute [Save and Shut Down] or [Shut Down Without Saving]. Turn off the power when status indicators 1, 2, and 4 are flashing.

When selecting [Save and Shut Down]: Saves changes.



When selecting [Shut Down Without Saving]: Does not save changes.

The saved configurations are effective the next time you startup. You can also reset all configurations to their default factory settings from the [Save Settings] tab.

<Basic shut down: Shut down from the INIT button>

You can also shut down by using the INIT button on the unit. Press the INIT button on the unit once. The shut down process starts. When the shut down process is complete, status indicators 1, 2, and 4 flash. After confirming that they are flashing, unplug the power supply.

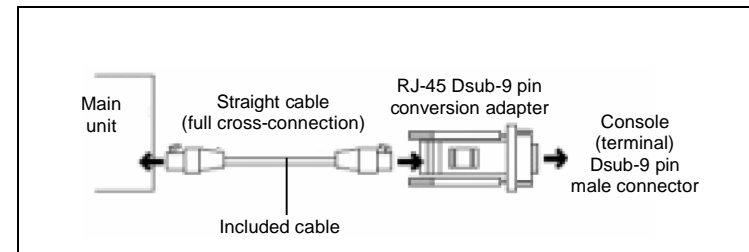
Warning

Make sure you follow the shutdown procedure before pulling out the DC connector to turn off the equipment's power supply, otherwise all changes will be lost.

4.3.2. Using the Serial Setup Tool

Please see the “Serial Setup Tool Guide” for details.

Connection diagram



- (1) Connect the RS-232C port of the OpenBlockS with the included serial port adapter, using a standard RJ45 (Ethernet) straight cable. Then, use a 9-pin RS-232 straight cable (not included) to connect the RS-232C port on the adapter to the PC's RS-232C (serial) port.
- (2) Plug the AC adapter into the OpenBlockS to boot it up.
- (3) Install the Serial Setup Tool from the included CD, or download it from <http://www.plathome.com/products/microserver/obs/support/index.html>

Troubleshooting:

- 1) Use the following settings for the serial port on the PC

Data length	8bit
Parity	None
Baud rate	9600 bps
Stop bit	1
Flow control	none

- 2) Confirm that the serial port is enabled.
<Method> For Windows PC
Select [System Properties] ? [Hardware] ? [Device Manager] ? [Ports] and confirm whether it appears.
- 3) Confirm the port number.
<Method> For Windows PC
The same as the above procedure 2).

4.3.3. Setup over command shell

To add packages and perform detailed settings, it is necessary to log into the OBS over a terminal window, to get a command shell. This can be done either over the Ethernet via telnet or over the serial port.

Warning

If you configure the OBS directly over the command shell, it can happen that a part of the configuration via Serial Setup Tool or Web Interface will not work anymore.

In this case, you can either keep configuring this part via the command shell, or reset all settings to factory defaults. A good understanding of SSD/Linux is necessary to perform the configuration by command line.

Saving setting changes

Unless you have installed the OS on a CF card or hard drive, you need to use the flashcfg command to save all changes to setting files before reboot. Use the following command:

```
#flashcfg -s /etc/flashcfg
```

/etc/flashcfg is a setting file that contains the paths to setting files on the OBS.

Login over serial port

On Windows machines, you can use the program Hyperterminal to log into the OpenBlockS. It is found in Start / Programs / Accessories.

To start a session, connect the RS-232C port of the OpenBlockS over the included serial port adapter with the serial port of your PC. Then, boot the OpenBlockS by plugging in the power cable. Then, start your terminal program.

Use the following serial port settings:

Data length	8 bit
Parity	none
Baud rate	9600
Stop bit	1
Flow control	none

If the connection is setup correctly, the OpenBlockS login prompt should appear in the terminal window. Enter user name and password (default is root / root).

Login over telnet

To login over telnet from a Windows PC, open the command prompt and type

```
C:> telnet 192.168.253.254
```

192.168.253.254 is the default IP address of the OpenBlockS at the Ether-0 port.

Shutdown

When logged into the console, use the command

```
#shutdown -h now
```

to shut down the unit. You can also press the INIT button.

5. Product Specifications

5.1. Hardware Specifications

Item	Specification		
Product Name	OpenBlockS266/128/16R		
CPU	AMCC 405GPr 266 MHz		
RAM	128 MB		
Flash ROM	16 MB, parameter area 256 kB, user area 3,6 MB		
NIC	10Base-T/100BaseTX x2		
Serial port	RJ-45 full connect x1 AUX x3 (separate adapter necessary)		
Internal Storage	2.5" HDD/SDD or CF-Card		
Button	Init-Button		
LEDs	Status LED x3, HDD/CF access LED		
Dimensions	Depth	Width	Height
	115mm	81mm	38mm
Case	Aluminum alloy		
Weight	260 g		
Ambient Condition	Device Status	Operating (with HDD)	In stock
	Temperature	0 to 40 °C (5 to 25 °C)	0 to 50 °C
	Humidity	20 to 80 %	10 to 80 %
Input Power AC adapter	Voltage	AC 100 - 240 V	
	Phases	Single Phase	
	Frequency	50 to 60Hz	
Input Power (device)	DC 5 V / 3.0 A		
Power consumption	Device Status	During operation	In Standby
	Device only	4.5 W	4.0 W
	With CF-card	5.0 W	4.5 W
	With HDD	8.0 W	7.0 W

5.2. Software specifications

OS distribution	SSD/Linux 0.4
Kernel version	2.6.16
Glibc version	2.3.6
Gcc version	4.1.2
File system	Ext3

5.3. Network Functionality

IP Protocol Stack	IPv4, IPv6
IP address settings	Static assignment with ifconfig, dynamic assignment with
Routing	Default routing, static routing
Firewall	Packet filtering with iptables
NAT/IP masquerading	IP masquerading by Linux kernel module

5.4. Electromagnetic compatibility (EMC)

USA-Federal Communications Commission (FCC)

FCC WARNING:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

EU

Warning

This is a product which meets Class A of EN55022. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Canada - Department of Communications (DOC)

This Class A digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

5.4.1. Safety

-Use the following AC adapter only.

- Nagano Japan Radio Co., Ltd., Model SQS15W5P-xx

Note: The letters xx in the AC Adapter model designation maybe replaced with any numeric character.

- Be sure that the detachable power supply cord has the approval of the appropriate safety agencies of the country where the equipment will be used.

North America:

- | | |
|--------------------------|---------------------------------|
| (1) Flexible Cord: | UL, CSA Approved |
| Type: | NISPT-2 or SPT-2 |
| Number of Conductors: | 2 |
| Size of Conductors: | min.18AWG |
| Rating: | min. 60 deg.C. |
| (2) Attachment Plug Cap: | UL, CSA Approved |
| Type: | Molded-on |
| Configuration: | NEMA 1-15P for 120V application |
| Rating: | 125V, 10A min. |
| (3) Connector Body: | UL, CSA Approved |
| Type: | Molded on |
| Configuration: | IEC60320 C7 |
| Rating: | 125V, 3A min. |

-Return equipment at the time of failure.

Do not disassemble.

Installation Specifications

Warranty Card

Note: This card also serves as the User Registration card.

Model name		Other conditions, and special stipulations
Serial number		
Unremunerated repair period	Three years from the date of delivery	
Date of delivery		

Customer Information

Address	☐		
Company name	☐		
Department name	☐		
Name	☐		
Telephone number:	☐	FAX number	☐
Email address	☐ @ ☐		
Host machine	Fill in this item only if you purchased storage products		
OS	☐		
Kernel revision number	☐		
Usage	☐		
Installation site *Fill in this item only when the site is different from your address.	Company, Department names: ☐		
	Person in charge:	Telephone number: ☐	
	Email address: ☐ @ ☐	FAX number: ☐	

Attach the barcode seal of the model number, serial number, etc.

You must present this Warranty Card when requesting repair, whether remunerated or not.

Carefully maintain this Warranty Card in a safe place and do not lose it.

Complete the required items, and then fax the Warranty Card to the number shown below. Note that you may also complete the User Registration procedure from the Plat'Home Web site.

The Warranty Card will not be re-issued.



Plat'Home USA Ltd.
 c/o The US Market Access Center, Room No. 682
 111 N Market St San Jose, CA 95113, USA
 Email: support@plathome.com
 Tel: +1 (408) 351-3342
 Fax: +1 (408) 351-3355

Check the included items

The following accessories are included with this product when it is shipped. After opening the package, confirm that there is nothing missing or damaged etc. If there are any problems, please contact Plat'Home or your local dealer.

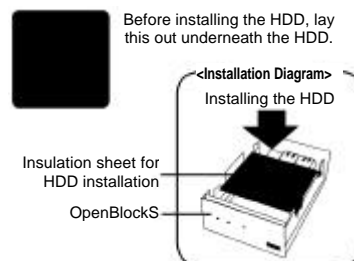
[OpenBlockS]



[Exclusive AC adapter and AC adapter power cable]



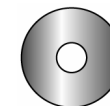
[Insulation sheet for HDD installation]



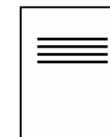
You do not need this if you are not installing an HDD.

[CD-ROM]

- Detailed manual pdf
- Software



[Report]

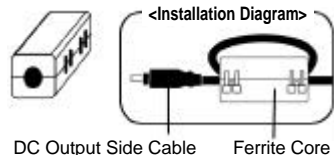


[Straight cable for RS-232C]

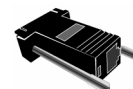


[Ferrite Core]

Install and use on the AC adapter's DC output side cable.



[RJ45-Dsub9 pin (female) for RS-232C conversion adapter]



[This manual and the Warranty Card]



* This only describes the normal set of accessories.

Also, please be aware that the illustrations used may differ from the actual accessories.