

# Installation Protocol SUPERMICRO SuperServer 6029P-TR/TRT

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**Server:** [SUPERMICRO SuperServer 6029P-TR/TRT](#),

Quick Reference Guide v1.0b

User`s Manual  
Server Info

Quick Specs: 96GB RAM, 2 x 10TB HDD, 2 x 480GB SSD, 2 x Ethernet ports, 1 x IPMI/ILO

BIOS Version: 3.1

## Requirements

Hardware:

- Server
- Monitor (VGA)
- USB Keyboard

Software:

- Ubuntu 18.04.2 LTS 64bit USB

Server is mounted in 19" Rack SU with 2 x Power Cables, 2 x Ethernet Cables and ILO Cable connected

Connect Monitor and Keyboard at Back panel; press Power button on front panel.

## Logical Drives

The Server is already configured in the following way:

## Install Ubuntu Server 18.04.2 LTS 64 bit

Reboot with USB-Stick connected!

When Installation is running follow the guide:

Set IP, NM, GW, DNS1, DNS2

```
Server Name: ismard
Domain: inf.unibz.it
IP: 10.2.120.125
User: CS-Tech Team
login: csadmin
password: *****
repeat: *****
No encrypted home
Yes timezone
```

Partition:

```
/dev/mapper/ismard--vg-root 438G 2.0G 414G 1% /
...
/dev/mapper/vg01-lvol1      9.1T 80M 8.6T 1% /bigdata
```

x Install OpenSSH server

REBOOT

## IPMI/ILO Setup

1. Connect IPMI/ILO port to switch
2. Enter in BIOS when booting, by pressing ESC or DELETE key
3. Setup static IP, NW and GW

Infos:

```
IP: 10.10.20.125
NM: 255.255.252.0
GW: 10.10.23.254
```

```
login: ADMIN
password: *
```

## Software

IPMIView is a GUI-based software application that allows administrators to manage multiple target systems through BMC.

SMCIPMITool is an out-of-band Supermicro utility that allows a user to interface with SuperBlade® systems and IPMI devices via CLI (Command Line Interface).

# Links

## Software for Download (for IPMI)

From:

<https://wiki.inf.unibz.it/> - **Engineering-Tech Wiki**

Permanent link:

[https://wiki.inf.unibz.it/doku.php?id=public:installation\\_protocol\\_supermicro\\_superserver\\_6029p-tr-trt&rev=1565003329](https://wiki.inf.unibz.it/doku.php?id=public:installation_protocol_supermicro_superserver_6029p-tr-trt&rev=1565003329)

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