

» Easy VM6052/VM6054 «



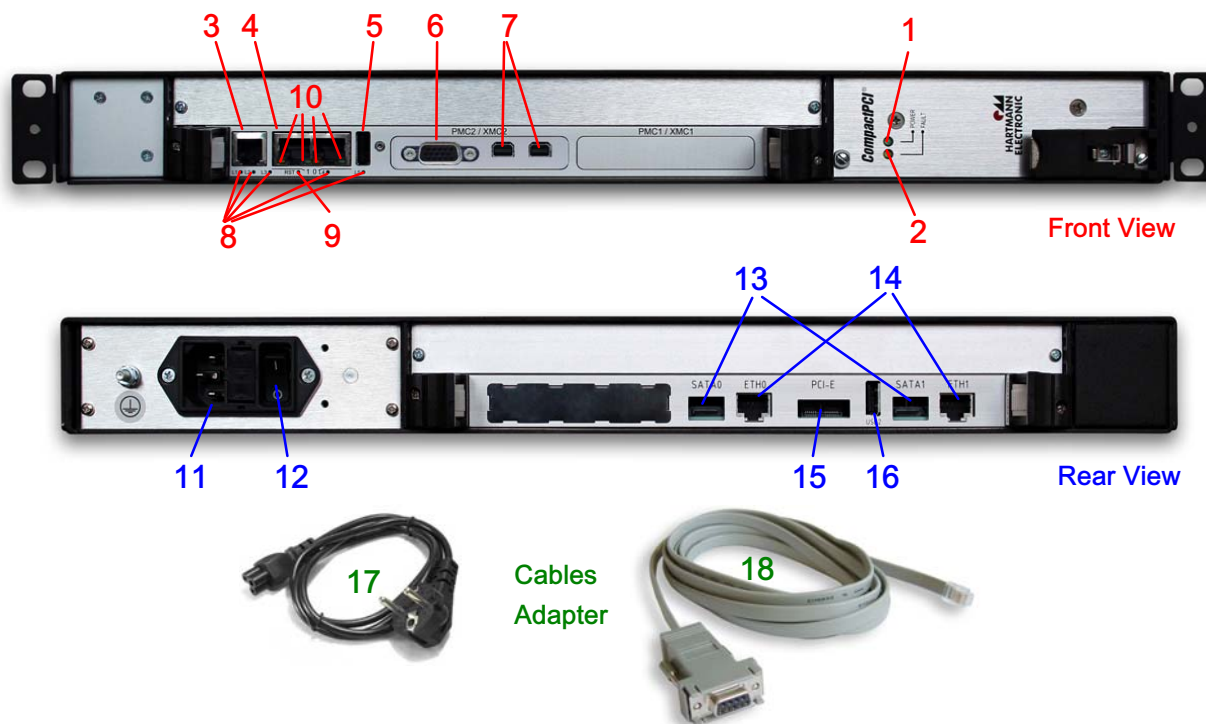
Quick Start

SD.DT.G33-0e - October 2014

» Ordering Information

System type Easy VM6052/VM6054

- ▶ EZ1-VM605x-00L 6U VME Dual/Quad SBC system with Intel® Core™ i7 Gen 3 Dual/Quad Core Computer. Linux software version



- | | | |
|--|---------------------------|---------------------------------------|
| 1 Green LED: DC Power On | 7 Mini DisplayPorts | 13 SATA Connector |
| 2 Yellow LED: System Failure | 8 Status LEDs: L1 ... L5 | 14 RJ45 Ethernet Connector ETH2, ETH3 |
| 3 RJ-12 Serial Connector | 9 Reset Button | 15 PCI-E connector |
| 4 RJ-45 Ethernet Connectors ETH0, ETH1 | 10 Ethernet Status LEDs | 16 USB Connector |
| 5 USB connector | 11 Power Supply Connector | 17 Power Supply Cable |
| 6 VGA | 12 AC Switch | 18 KIT RJ-12 to DB9 |

The Easy VM6052/VM6054 is ready to use: its factory settings can get you to a shell prompt under Linux OS in a few seconds.

See the Easy VM6052/VM6054 Getting Started Documentation (SD.DT. G32) for a detailed system description.

» Plug

To connect the Easy VM6052/VM6054 6U VME Core i7 Computer, you need to connect the following cables:

- ▶ the Power Supply Cable (17) in the Power Supply Connector (11)
- ▶ the Serial Cable KIT-RJ12DB9 (18) in the Serial Connector (3)
- ▶ any monitor for graphical display (2 displays max.)

» Play - Start the system

The ON/OFF buttons (12) is located on the rear panel of the Easy VM6052/ VM6054 system.

Power on the main power supply module, AC Switch (12) on the rear side of the system.

» Pre-Installed System Parameters

- ▶ **Root Account** login: root
password: kontron
- ▶ **Guest Account** login: guest
password: guest

▶ Networking

The Easy VM6052/VM6054 has four Ethernet ports, two configured ports on the front panel (4), named **p18p1** and **p18p2** under Linux Fedora 16 and two unconfigured ports through backplane (from RTM) named **p18p3** and **p18p4**.

p18p1 (hardware name: ETH0) is not configured on boot but can request its IP address and parameters from a DHCP server with "ifup p18p1" command line on prompt. Use it if your network provides a DHCP service.

p18p2 (hardware name: ETH1) is configured with a private static IP of 192.168.1.1.

▶ Flash Storage

The system storage is provided from one 32 GB SSD flash disks. SSD flash is plugged in the dedicated mezzanine connector.

The root file system is installed on the mezzanine flash disk and is organized with a small /boot partition, a 1 GB swap partition with a swappiness set to 60% and a large / partition spanning the rest of the disk.

▶ Serial Line / Console Output

The Easy VM6052/VM6054 front panel serial line is managed by Linux and a login prompt is offered on it (console port).

Characteristics of the serial line:

- ▶ Baudrate: 115200 - Parity:None -
- ▶ Data Bits: 8 - Stop Bit: 1 -
- ▶ Flow Control: None

» Play - Stop the system

- ▶ Shutdown the Operating System.
- ▶ Power off the main power supply module (AC Switch on the rear side of the system) (13).