



DEWESoft®
measurement innovation

SIRIUS R3 19" PC chassis

Technical specification, Version: 1.0., Date: 01.02.2017



DEWESoft d.o.o.
Gabrsko 11a, 1420 Trbovlje, Slovenia
www.dewesoft.com

support@dewesoft.com



Table of Contents

1. Revision history.....	1
2. Introduction.....	2
3. Dimensions.....	2
4. Physical Specifications.....	3
5. PC specs.....	3
6. Interface.....	3

Table of Figures

Figure 1: Unit dimensions.....	2
--------------------------------	---

Table of Tables

Table 1: Revision history.....	1
Table 2: Physical specs.....	3

1. Revision history

Revision	Author	Date	Comment
1.0	Žiga Kadunc	01/02/2017	

Table 1: Revision history



2. Introduction

This document presents information about a measurement system overall. For information regarding Sirius slices and data acquisition itself please check document SIRIUS technical reference manual V1.4.4.pdf or other which are available on Dewesoft® official web page.

3. Dimensions

Image below presents the outer dimensions and the shape of the unit.

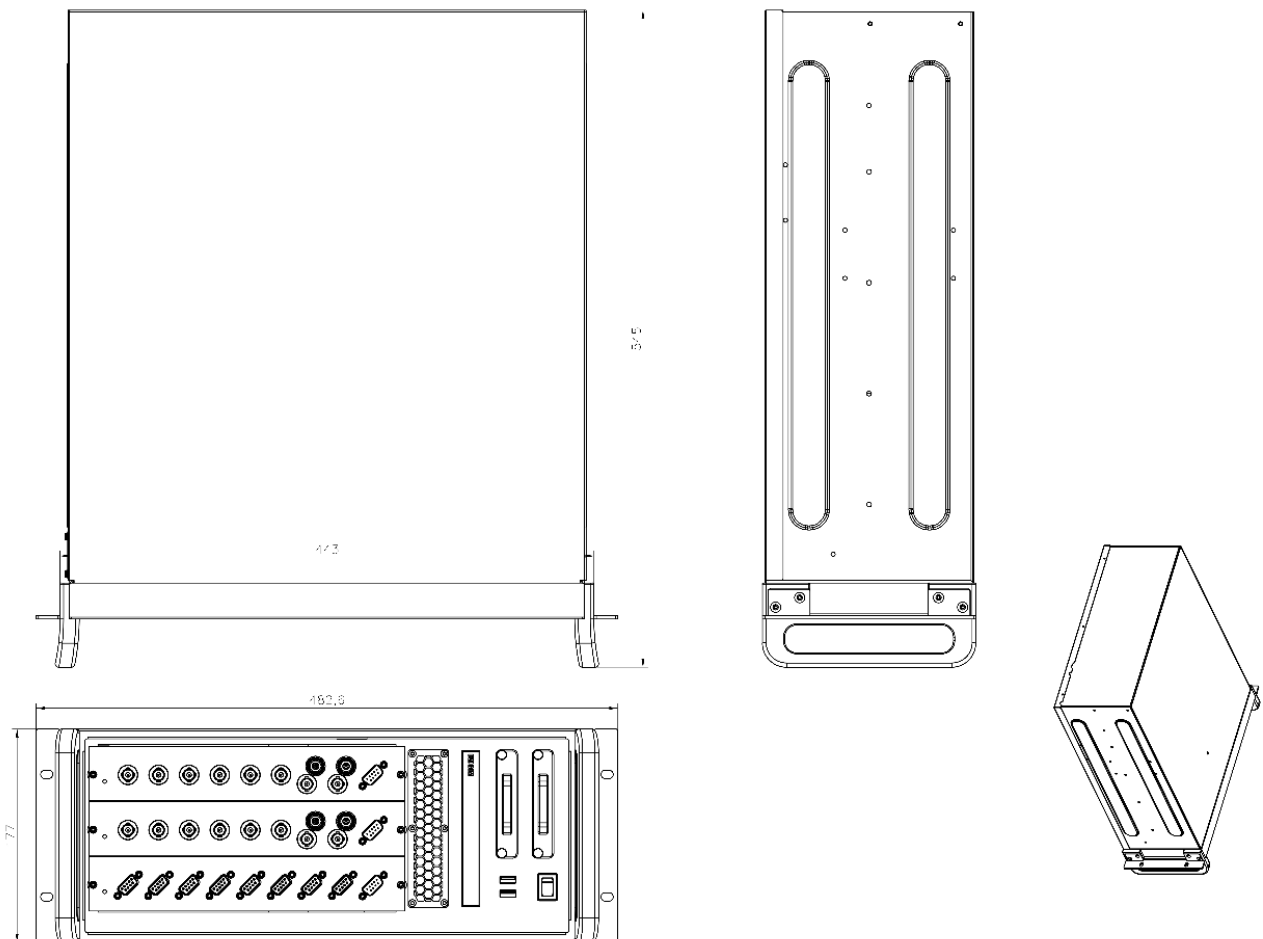


Figure 1: Unit dimensions



4. Physical Specifications

Power Supply	115V/60Hz, 230V/50Hz
Max. Power Consumption	310W
Humidity	90% RH non-condensing
Operating temperature	0 to 50°C

Table 2: Physical specs

5. PC specs

Measurement unit has built-in standard ATX form factor size (30.5cm x 22.5cm) PC motherboard – usually GIGABYTE GA-Z97X Ultra durable or any other on request.

Basic specifications:

- CPU Intel® Core™ i7
- RAM DIMM 8GB DDR3 PC3-1600 (up to 4 slots available, 32GB total)
- SSD SATA 250GB MLC MX200
- 6xPCIE slot, 1xPCI slot

6. Interface

Front side:

- 3x Sirius® slice (with option of integrated DS-Clock and IRIG BNC output on backside)
- 2x USB 3.0
- 2x Removable High speed SSD
- DVD ROM (option)

Back side:

- 1 x PS/2 keyboard port
- 1 x PS/2 mouse port
- 1 x optical S/PDIF Out connector
- 1 x D-Sub port
- 1 x DVI-D port
- 1 x HDMI port
- 4 x USB 3.0/2.0 ports
- 4 x USB 2.0/1.1 ports



- 1 x RJ-45 port
- 5 x audio jacks (Center/Subwoofer Speaker Out, Rear Speaker Out, Line In, Line Out, Mic In)