

baseline real-time target machine

Installation Manual



v1.0

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Document Version History

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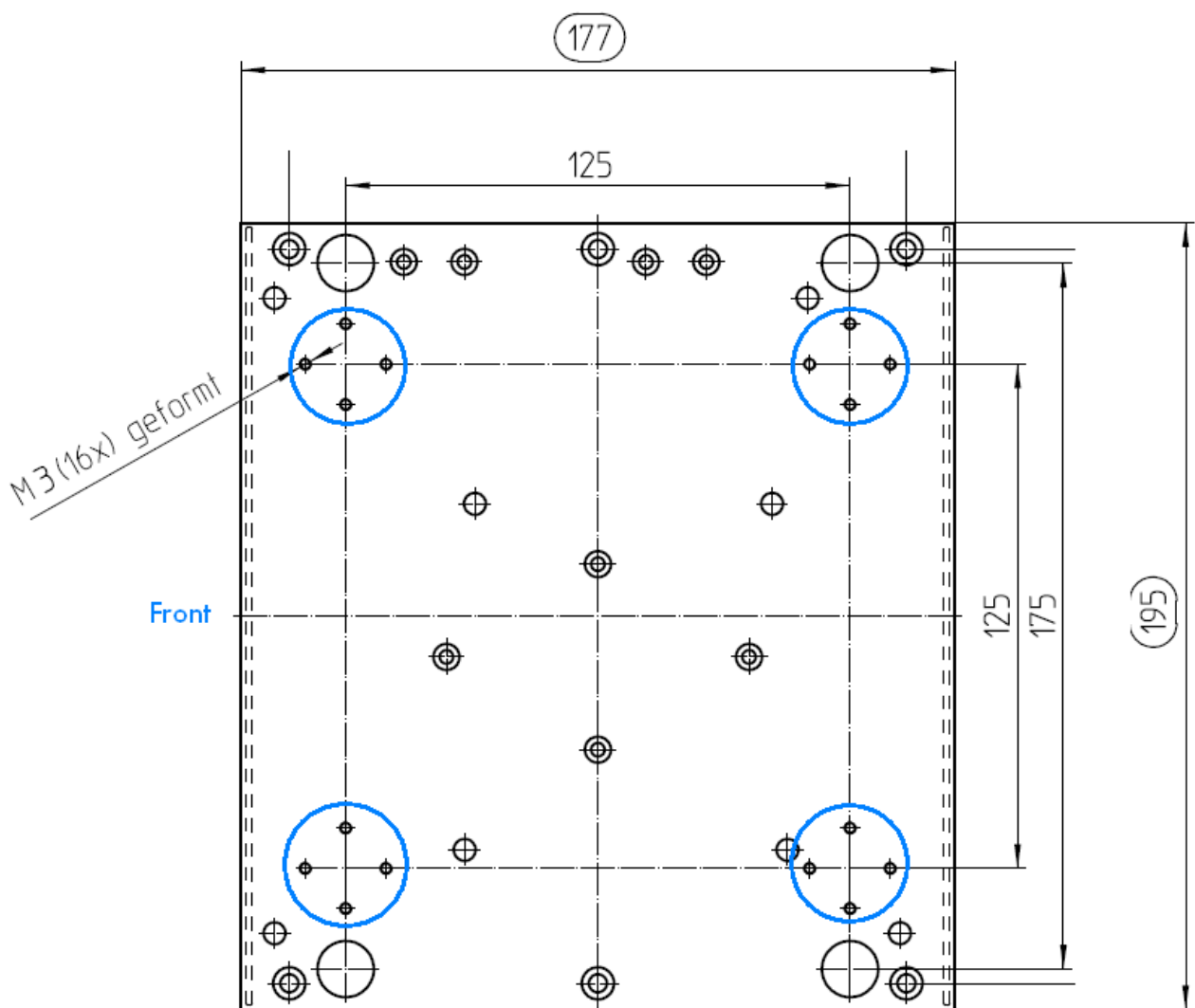
1 Installation Options

The Baseline real-time target machine is delivered with clear, plastic feet for desktop operation.

For some applications, however, it may be advisable to securely attach the target machine to a cabinet wall or vehicle.

Both sizes of the Baseline machine (S and M) are built on a base plate featuring dedicated attachment points designed to connect the machine to a pair of standard 35-mm DIN rails using a set of clamps (available as an option).

1.1 Base Plate



The blue circles indicate where to fit the DIN rail clamps. These attachment points are centrally positioned on a 125 mm² grid.

Important:

Do not use screws longer than 6 mm. They may damage the internal electronics.

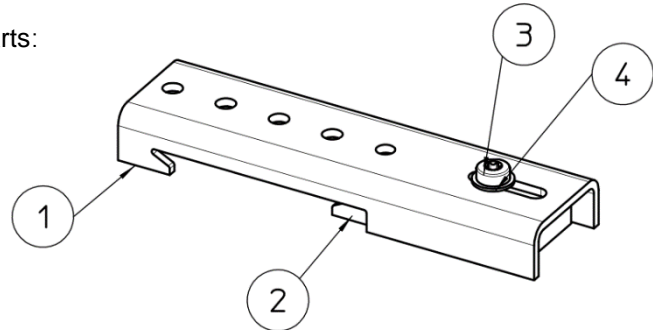
Do not use any other location for custom mounting.

2 DIN-Rail Mounting

2.1 DIN Rail Clamping Set

One complete DIN rail clamp consist of four parts:

1. Frame (outer piece with hooks)
2. Slider (inner piece with hooks)
3. Screw (M3x10, Tx10)
4. Washer (M3)

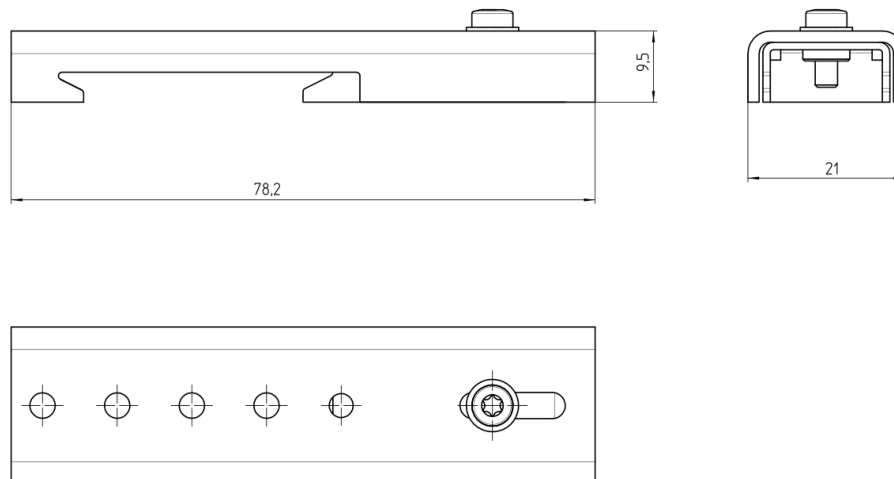


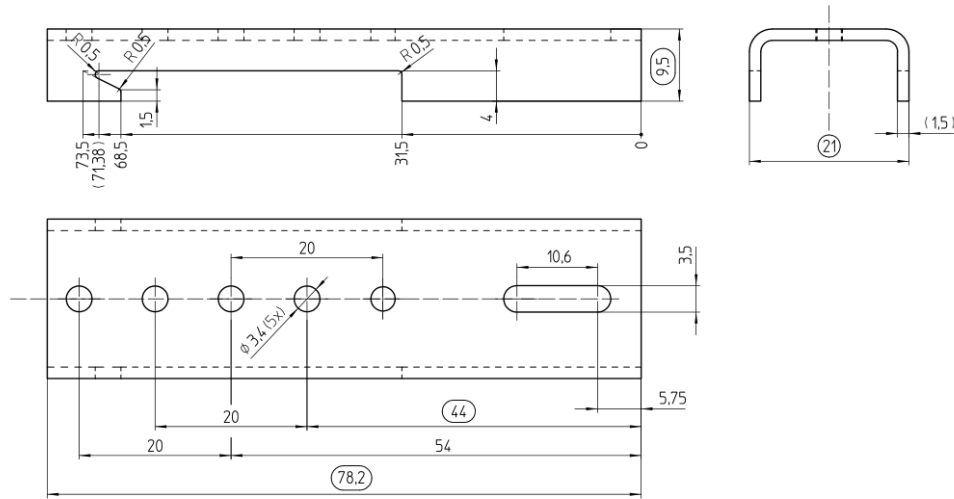
The set includes:

- 2 clamps (as described above)
- 2 frames (part 1 only)
- 8 mounting screws M3x6 Tx10

The frame acts as a simple cleat to hang the machine on the upper rail, and the complete clamps are used on the lower DIN rail. Push the slider in and tighten the screw to securely lock the machine to the rail.

The five mounting holes allow for three different mounting positions: centered, and offset by 10 mm in either direction.



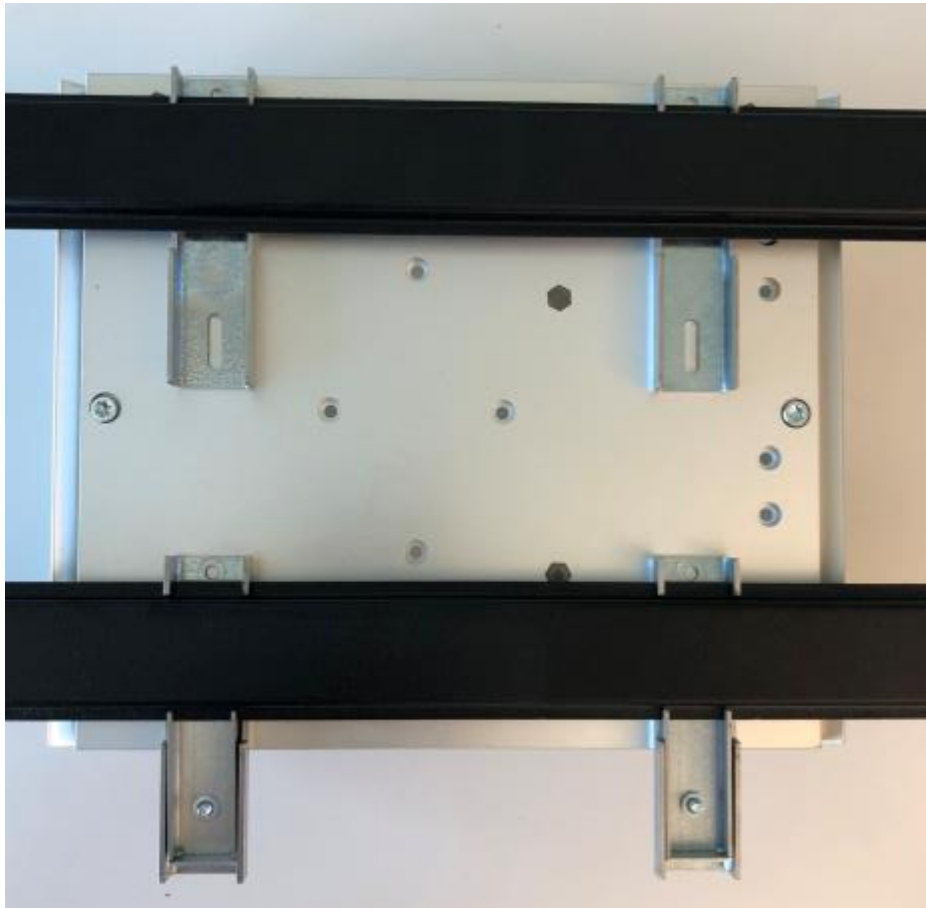


2.2 Orthogonal Mounting Option

The orientation of the DIN rails is orthogonal to the heat sink fins.



Distance between the rails: 125 mm (center to center)



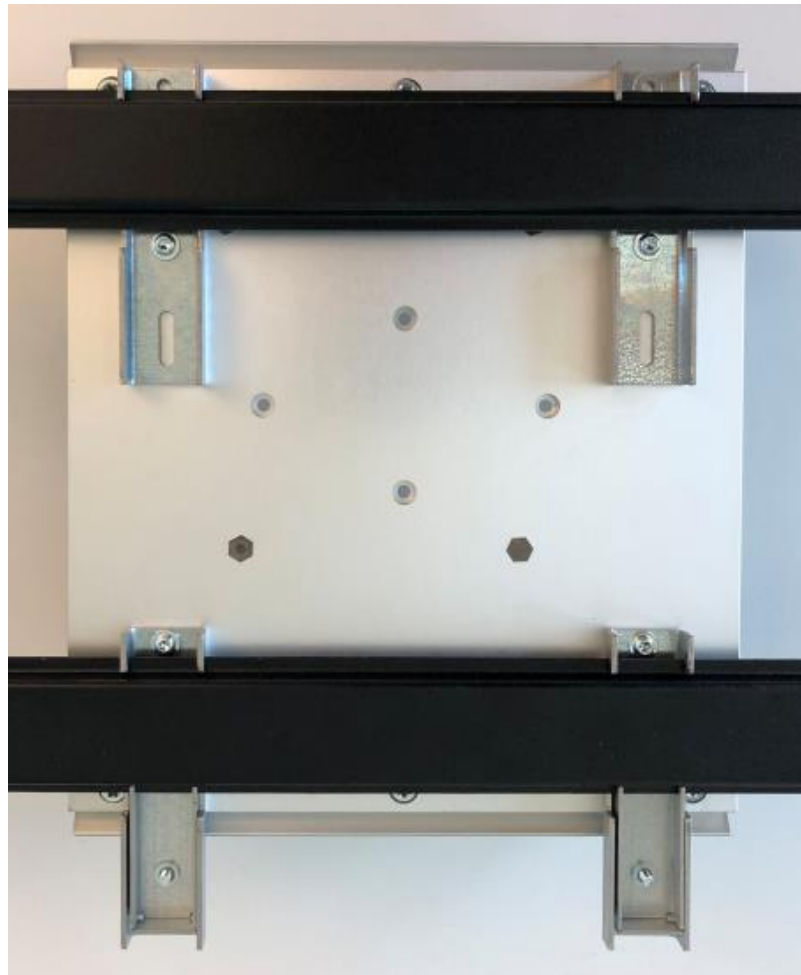
The distance between the rails can be adjusted by offsetting the clamps in 10 mm increments. Minimum distance: 105 mm, maximum distance 145 mm (center to center).

2.3 Parallel Mounting Option

The orientation of the DIN rails is parallel to the heat sink fins.



Distance between the rails: 145 mm (center to center)



All the clamps are mounted 10 mm off-center. The offset mounting of the clamps is required in order to access the locking screws of the bottom clamps and to position the rails symmetrically in relation to the machine.

The plastic feet must be removed before the clamps are installed

