

Eurorack

Eurorack is a standard developed by *Doeper Musikelektronik* in 1996. It was largely based on the "Euro card" standard, which was mostly used for professional electronic equipment. Today eurorack is the most common standard for *modular synthesizers*.

Vertically it occupies the same space as a 3U (3 rack units) enclosure in the 19" rack standard (the most common rack standard for most kinds of equipment). Horizontally units typically called HP (Horizontal Pitch) are used, where each HP is equivalent to "one screw hole" in the rails. 19" rack enclosures for Eurorack are available, typically containing 84HP. Each mounting-rail usually has a slit for inserting a strip of metal with screw-holes. These holes are typically M3 but may in some exceptions be M2.5.

Electrically, eurorack specifies that modules receive $\pm 12V$ and (optionally) $+5V$ from a common power supply in the rack. In modern modules, 5V is rarely used. Eurorack also specifies that signals are exchanged between modules via 3.5mm mono jack cables. These can be audio signals, [control voltages](#), trigger, gate or clock signals, or [sometimes video signals](#).

Eurorack front panels can easily be manufactured with a [laser cutter](#) or [water jet](#), or can simply be printed circuit boards.

Eurorackskinner

Eurorackskinner er egentlig skinner fra eurocardstandarden. Disse dukker ofte opp i elavfall.

De finnes også hos diverse elektronikkleverandører under navnet "horizontal rail"

Det finnes flere varianter, de som er ment å ha fremme på eurocard kabinettet, og de som er ment å ha bak. På de som er ment foran får man lang og kort "leppe" og på de som er ment bak får man de som er ment til isolasjonsstrips mellom bakplanskortet, og de som er ment uten.

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