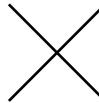GO HYDRO

✕

n21✳

GO HYDRO
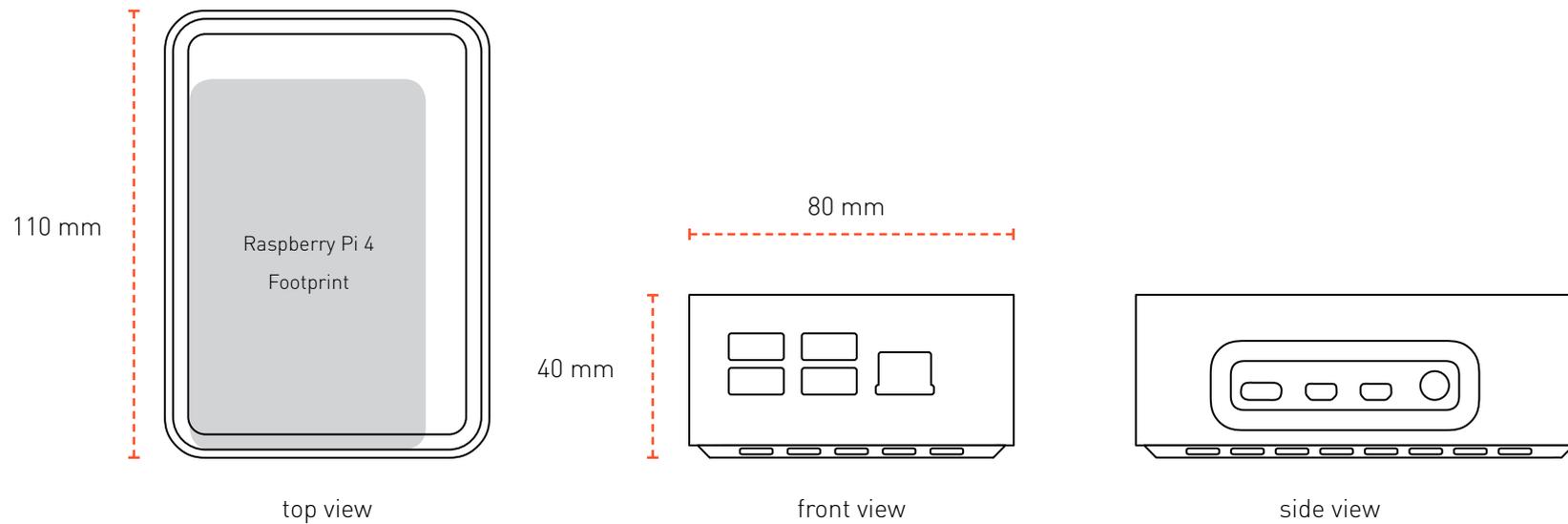# COMMUNICATION UNIT UPDATES

COMMUNICATION UNIT
CONCEPT 03

CONCEPT 03
DIMENSIONS

This concept has silghtly increased size compare to the original case for Raspberry Pi 4B to achieve better ventilation and compatibility for other third part components. It also provides better result for 3d printer sthat have limited performance.

Bounding box dimensions are:
110 x 80 x 40 mm

110 mm

Raspberry Pi 4
Footprint

top view
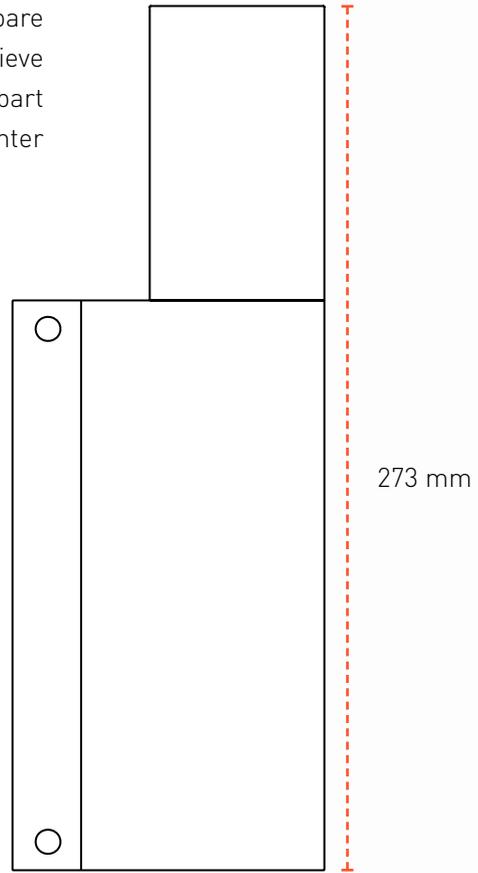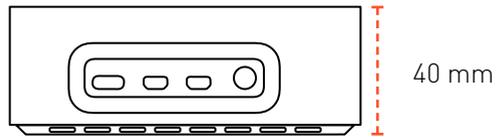
80 mm

40 mm

front view

side view

CONCEPT 03
DIMENSIONS

This concept has silghtly increased size compare to the original case for Raspberry Pi 4B to achieve better ventilation and compatibility for other third part components. It also provides better result for 3d printer sthat have limited performance.

Bounding box dimensions are:
110 x 80 x 40 mm

273 mm

40 mm

side view comparison to CHSK

CONCEPT 03
COOLING FAN AND HEATSINK

This design has optimized inner space which improves the ventilation and cooling capability. Due to silightly increased size, more ventilation opening is available for better air flow that cools not only the processor but also other components on the board.

Heatsink maximum height: 11mm
Fan used for the case: AD0205MX-K50 (25x25x6mm)

Fan

Heatsink

Raspberry Pi board

Air flow