

iW-RainboW-G34S
PICO ITX SBC
SHEET METAL ENCLOSURE
ORDERING PART NO : IW-EN-ALU-SM04

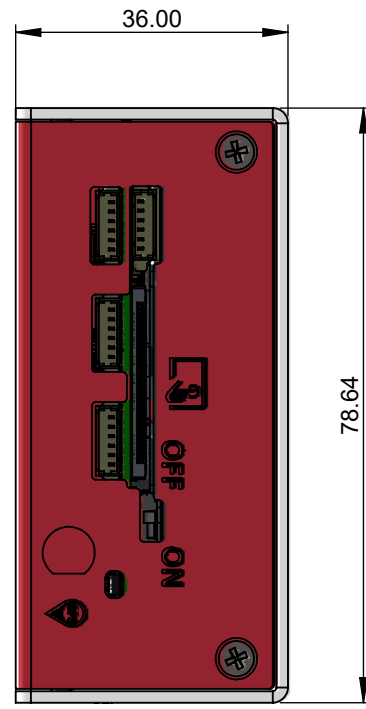


Fig 1.2

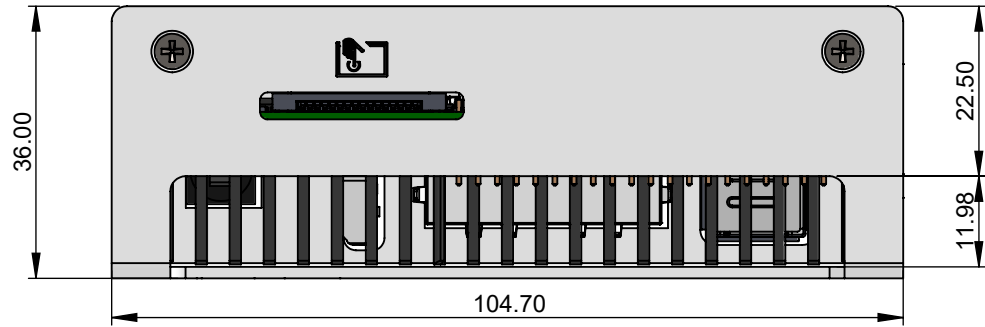


Fig 1.1

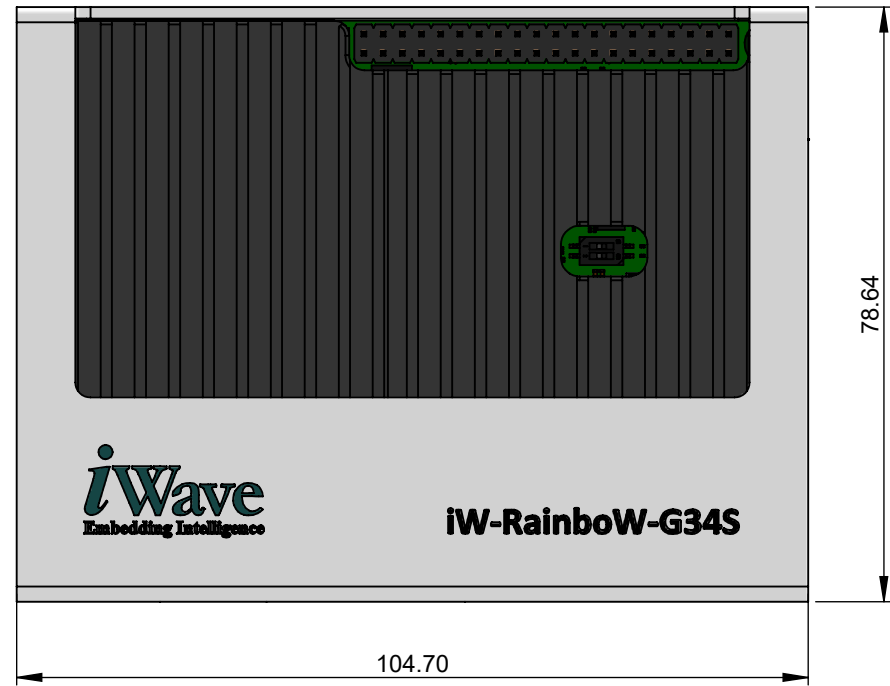


Fig 1.3

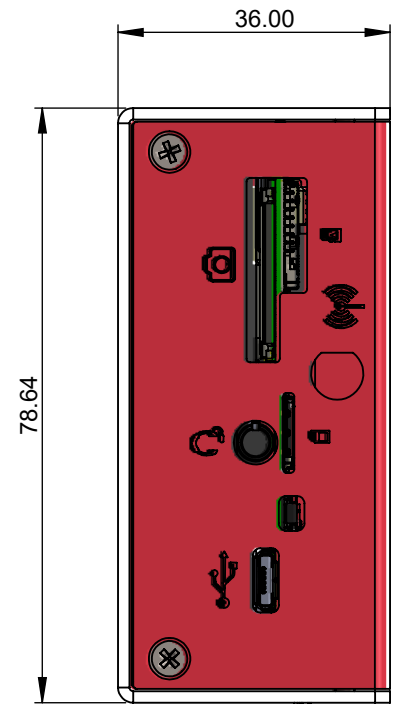


Fig 1.4

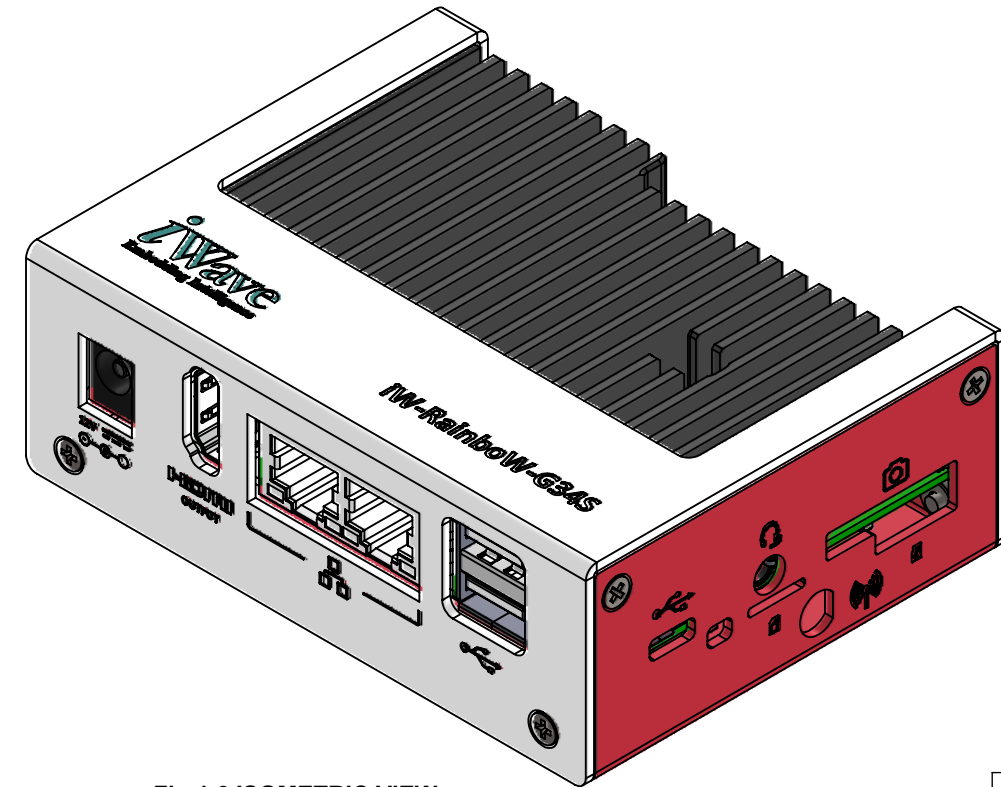


Fig 1.6 ISOMETRIC VIEW

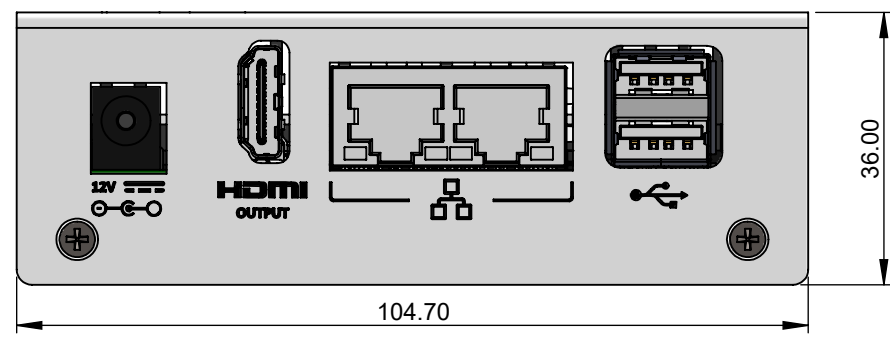
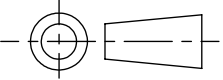


Fig 1.5

TABLE 1.1 : TIM SPECIFICATIONS	
MATERIAL	SILICONE RUBBER BASED THERMAL PAD
THERMAL CONDUCTIVITY	6.2W/m-K
FLAME RATING	V-0 AS PER UL94
HARDNESS	50 Shore 00
WORKING TEMPERATURE	-50°C TO +150°C
ROHS	YES

NOTES:
 ALL DIMENSIONS ARE IN MM.
 ROUND OFF ALL SHARP EDGES.
 SCALE: 1:1

RANGE	TOLERANCE	
	A	B
< 6	+0.05	+0.1
6-30	+0.1	+0.2
30-120	+0.15	+0.3
121-400	+0.2	+0.5

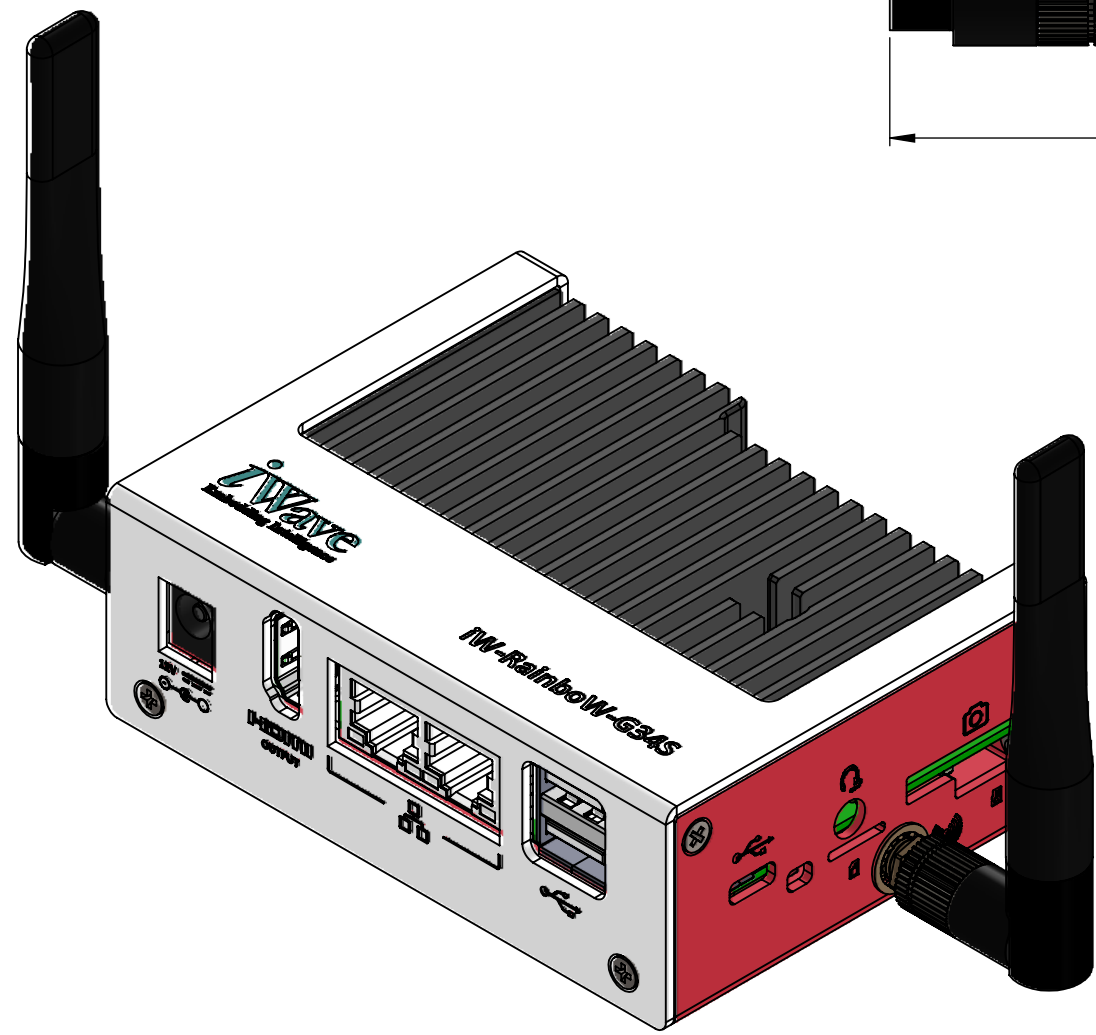
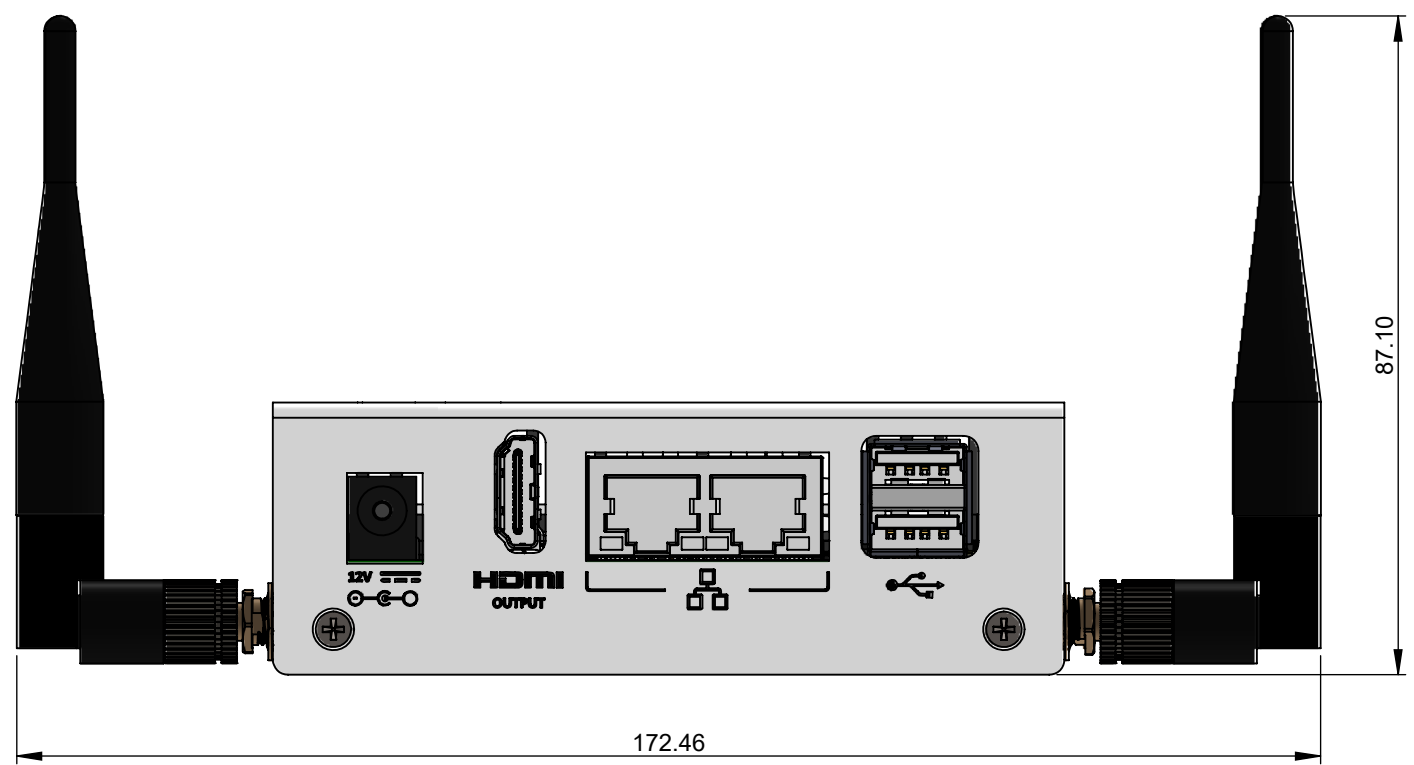


DRAWN BY	PRADEEP RAJ
CHECKED BY	GANGADHAR
APPROVED BY	SHAMEEM

iWave System Technologies Private Limited,
 7/B, 29th Main, BTM Layout, 2nd Stage,
 Bangalore-560076, India.

DRAWING NO: IW-EN-ALU-SM04-DS-R1.0-REL1.0

THIS DRAWING SHEET IS PROPRIETARY OF IWAVE SYSTEMS TECHNOLOGIES Pvt. Ltd.		MATERIAL : ENCLOSURE : AL-5052	WEIGHT: ----- In grams.
		HEAT SINK : ALUMINIUM 6061	
		FINISH : TOP ENC : MILKY WHITE PAINT COATING (MATT FINISH)	
		BOTTOM ENC : RED PAINT COATING (MATT FINISH)	
		TITLE: SBC SHEET METAL ENCLOSURE DATASHEET	REV: 1.0
		DATE : 01 FEB 2022	REL: 1.0
		SHEET 1 OF 2	

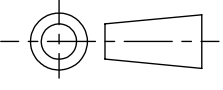


FASTENERS	DESCRIPTION	QUANTITY
	M3X5 PAN PHILLIPS SCREW	4
	M2.5X5 CSK SCREW	8

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DATE :		01 FEB 2022
REV: 1.0		REL: 1.0
SHEET 2 OF 2		

NOTES:
ALL DIMENSIONS ARE IN MM.
ROUND OFF ALL SHARP EDGES.
SCALE: 1:1

RANGE	TOLERANCE	
	A	B
< 6	+0.05	+0.1
6-30	+0.1	+0.2
30-120	+0.15	+0.3
121-400	+0.2	+0.5



REL	DESCRIPTION	DATE	BY
1.0	INITIAL RELEASE	01 FEB 2022	GANGADHAR