

iW-RainboW-G27S
i.MX8 Quad Max/Quad Plus Pico ITX SBC SHEET METAL ENCLOSURE
ORDERING PART NO: iW-EN-ALU-SM01

RELEASE HISTORY			
REL	CHANGES	DATE	BY
3.0	INITIAL RELEASE	14 OCT. 2020	IQBAL
3.1	ENCLOSURE UPDATES	12 MAY. 2021	IQBAL

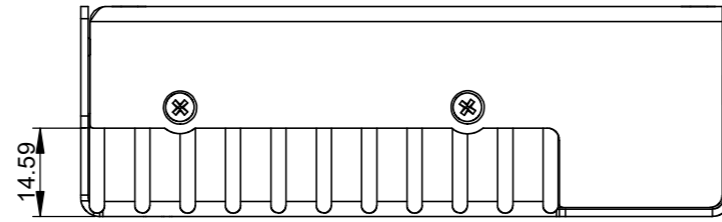


Fig 1.1

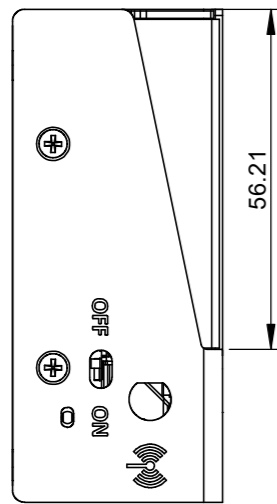


Fig 1.2

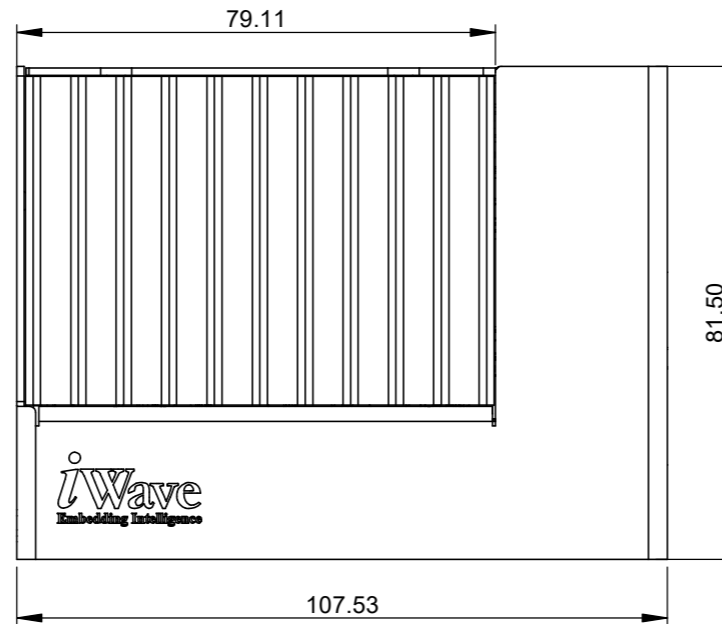


Fig 1.3

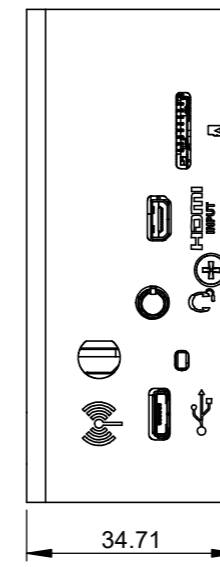


Fig 1.4

TABLE1.1: TIM SPECIFICATIONS	
MATERIAL	SILICONE RUBBER BASED THERMAL PAD
THERMAL CONDUCTIVITY	12.5W/mK
FLAME RATING	V-0 AS PER UL 94
HARDNESS	50 Shore 00
WORKING TEMP.	-50~+150 °C
ROHS	YES

TABLE1.2: FASTENERS DETAILS			
FASTENERS	DESCRIPTION	QUANTITY	
	M3X5 PAN PHILLIPS SCREW	4	
	M2.5X5 CSK SCREW	8	

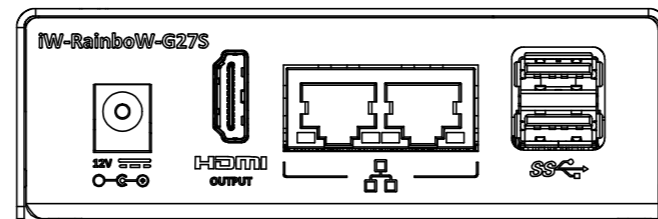


Fig 1.5



Fig 1.6: VIEW FOR REFERENCE

DRAWN BY	IQBAL	iWave System Technologies Private Limited, 7/B, 29th Main, BTM Layout, 2nd Stage, Bangalore-560076, India.						
CHECKED BY	GANGADHAR							
APPROVED BY	PRADAP							
DRAWING NO: iW-EN-ALU-SM01-DS-R2.0-REL3.1								
THIS DRAWING SHEET IS PROPERITY OF IWAVE SYSTEMS TECHNOLOGIES Pvt. Ltd.		MATERIAL : ENCLOSURE:AL 5052-H32 ALLOY HEAT SINK :AL 6061-T6 ALLOY						
FINISH : TOP ENCLOSURE : LIGHT GRAY POWDER COATING BOTTOM ENCLOSURE: DARK GRAY POWDER COATING		WEIGHT: ----- g						
NOTES: ALL DIMENSIONS ARE IN mm. SCALE: 4:5		<table border="1"> <tr> <td>GENERAL TOLERANCES :</td> <td rowspan="3"> </td> </tr> <tr> <td>X: ± 0.25</td> </tr> <tr> <td>.X: ± 0.1</td> </tr> <tr> <td>XX: ± 0.01</td> <td></td> </tr> </table>	GENERAL TOLERANCES :		X: ± 0.25	.X: ± 0.1	XX: ± 0.01	
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DATE : 12 MAY. 2021		<table border="1"> <tr> <td>TITLE: G27S-i.MX8 QM/QP Pico ITX SBC SHEET METAL ENCLOSURE</td> <td>REV: 2.0</td> <td>REL: 3.1</td> </tr> <tr> <td colspan="3">SHEET 1 OF 1</td> </tr> </table>	TITLE: G27S-i.MX8 QM/QP Pico ITX SBC SHEET METAL ENCLOSURE	REV: 2.0	REL: 3.1	SHEET 1 OF 1		
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