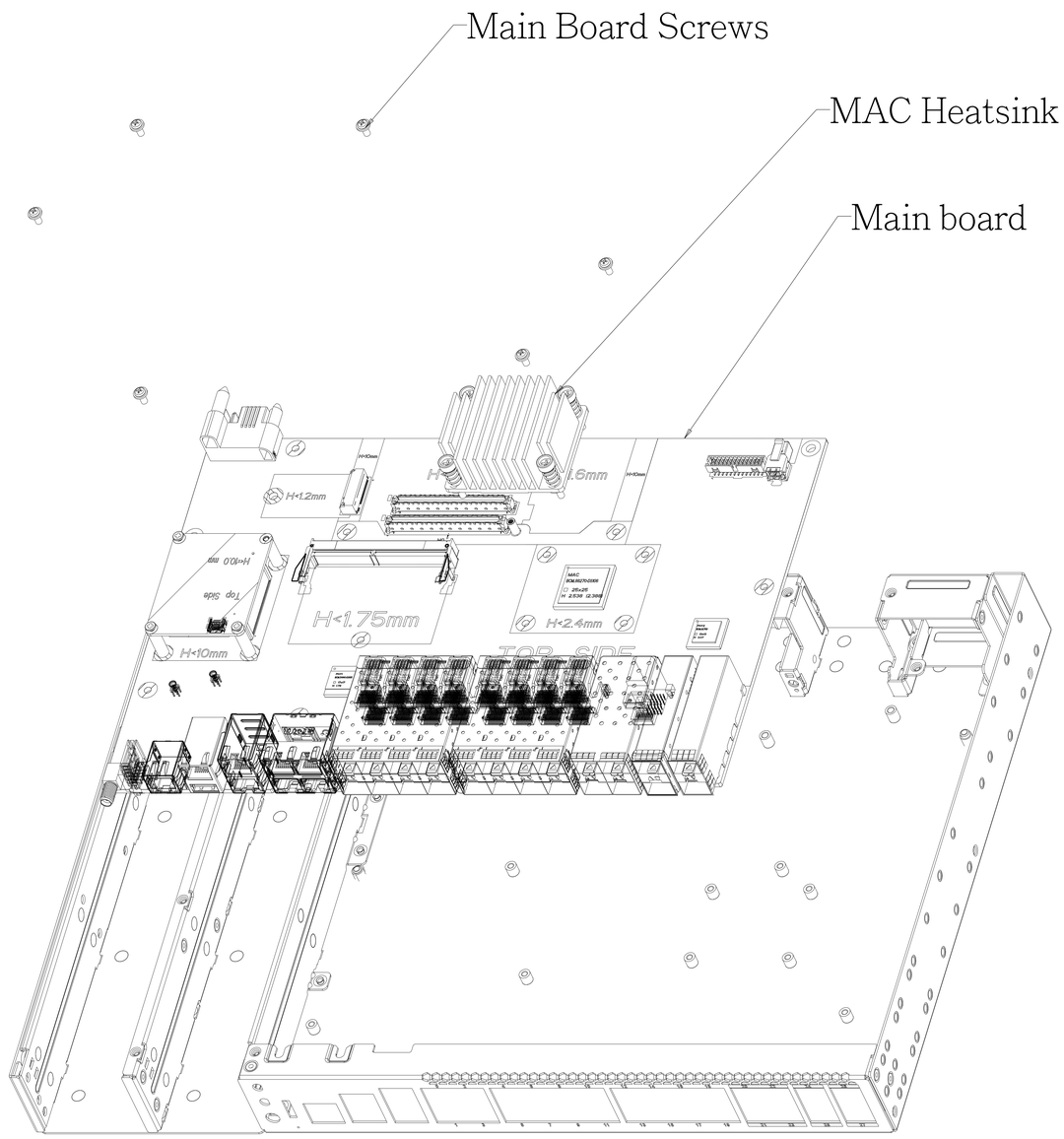
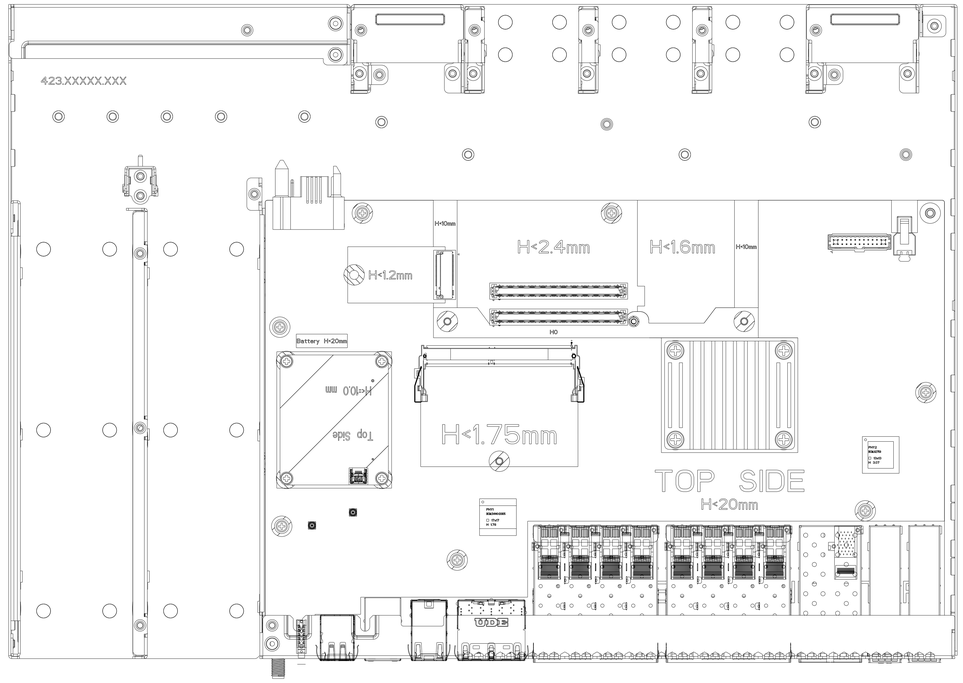
VER	MARK	ECN/ECN NO	DATE	UPDATE DESCRIPTION	SIGNATURE
01			May-27-21		Jay Wu





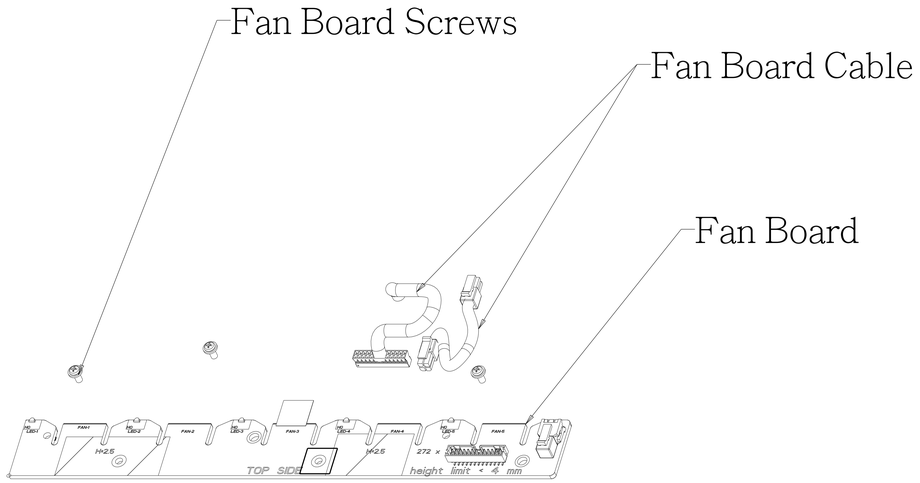
Step 1 Main Board assembly

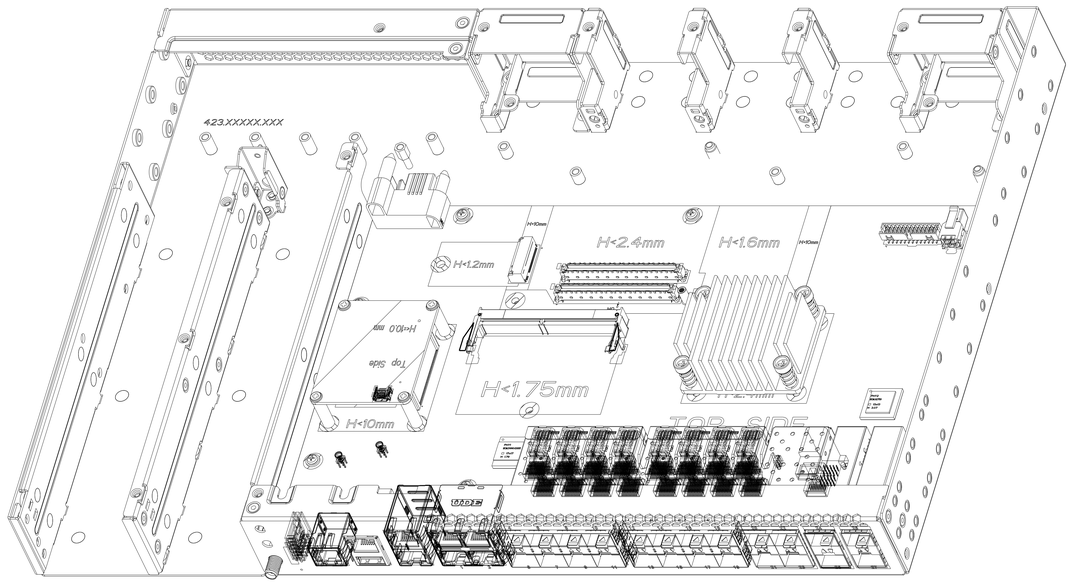
MATERIAL (SPEC.)	SEE NOTES	SCALE	2/01
FINISH	SEE NOTES	SHEET	1/1
Select		UNIT	mm
SIZE	A	MODEL	PART NO.	DESIGNED
A0				Jay Wu
CUSTOMER MODEL	CUSTOMER PART NO.	APPROVED
		Jason

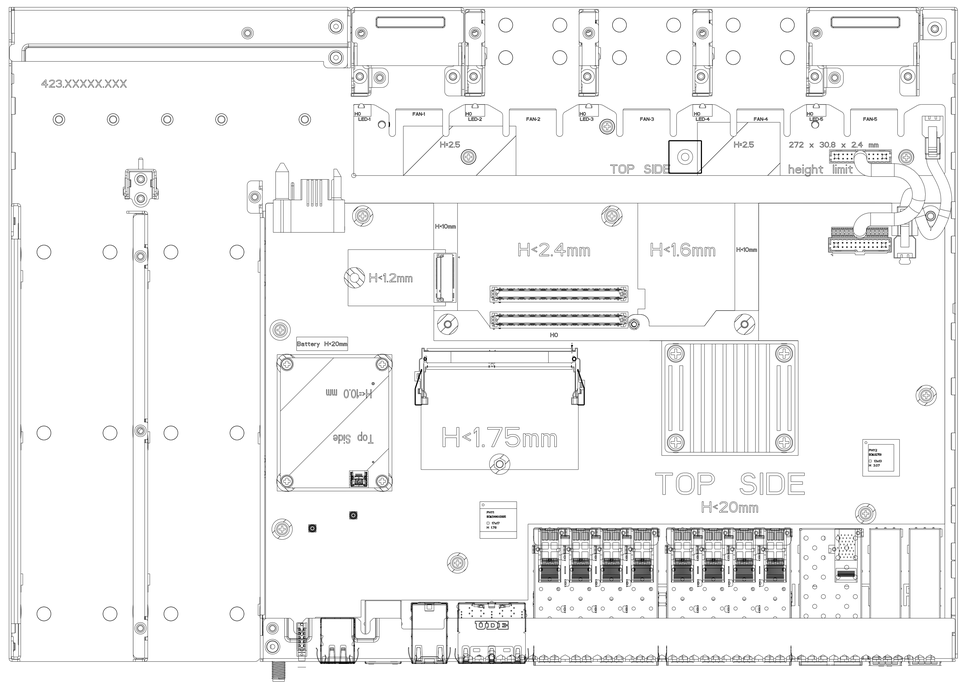
PART NAME	EXP ASSEMBLY STEP-01

DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED											
ANGLES ±	A	B	C	0.5<3	3<6	6<30	30<120	120<315	315<1000	1000<2000	2000<4000
0.5	0.05	0.05	0.10								
0.5<3	0.05	0.05	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
3<6	0.05	0.05	0.40	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
6<30	0.05	0.05	0.40	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
30<120	0.05	0.05	0.40	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
120<315	0.05	0.05	0.40	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
315<400	0.05	0.05	0.40	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
400<500	0.05	0.05	0.40	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
500<630	0.05	0.05	0.40	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
630<800	0.05	0.05	0.40	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
800<1000	0.05	0.05	0.40	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
1000<1250	0.05	0.05	0.40	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
1250<1600	0.05	0.05	0.40	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
1600<2000	0.05	0.05	0.40	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
2000<2500	0.05	0.05	0.40	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
2500<3150	0.05	0.05	0.40	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
3150<4000	0.05	0.05	0.40	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
4000<5000	0.05	0.05	0.40	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
5000<6300	0.05	0.05	0.40	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
6300<8000	0.05	0.05	0.40	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
8000<10000	0.05	0.05	0.40	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
10000<12500	0.05	0.05	0.40	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
12500<16000	0.05	0.05	0.40	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
16000<20000	0.05	0.05	0.40	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20
DRAFT TOLERANCE				CRITICAL DIM MARK							

VER	MARK	ECN/ECN NO	DATE	UPDATE DESCRIPTION	SIGNATURE
01			May-27-21		Jay Wu





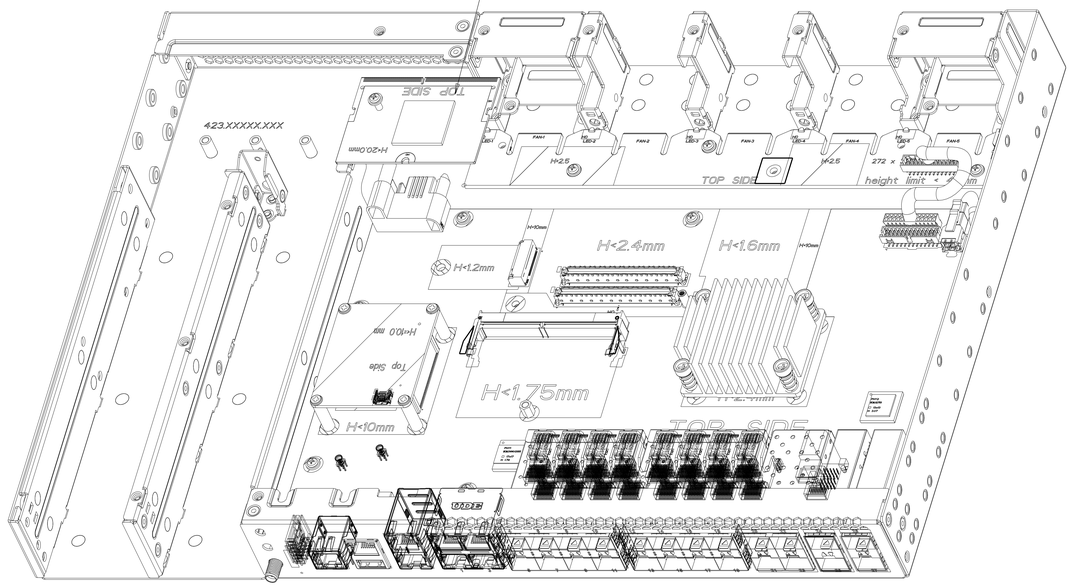


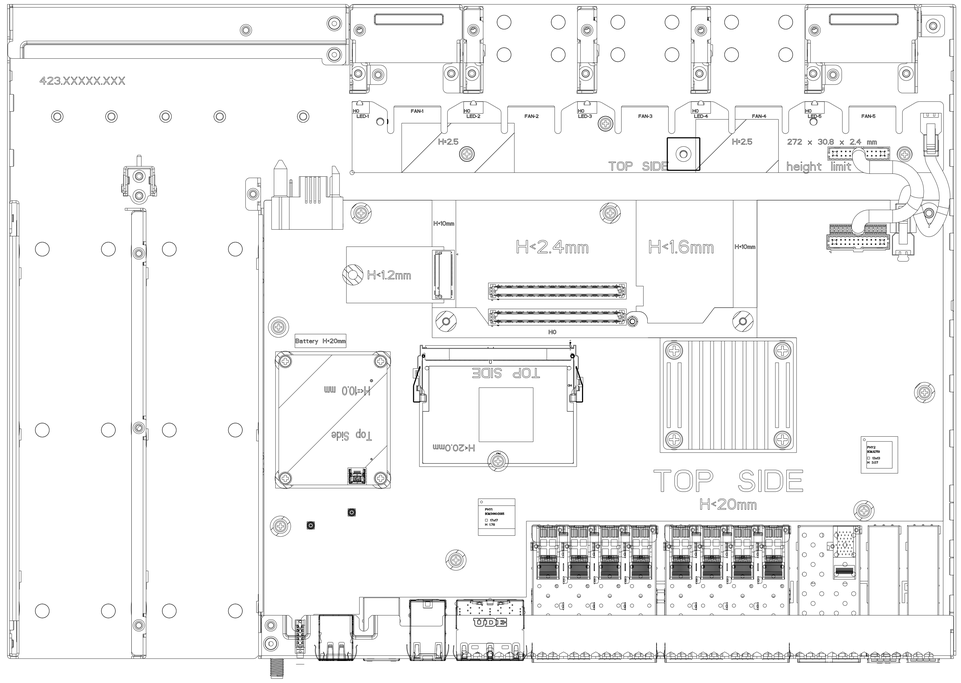
Step 02 FAN Board assembly

MATERIAL (SPEC.)	SEE NOTES	SCALE	ufiSpace
FINISH	SEE NOTES	SHEET	
UNIT	mm	PART NAME	EXP ASSEMBLY STEP-02
SIZE	A0	MODEL	PART NO.
CUSTOMER MODEL		CUSTOMER PART NO.	DESIGNED: Jay Wu; APPROVED: Jason

VER	MARK	ECN/ECN NO	DATE	UPDATE DESCRIPTION	SIGNATURE
01			May-27-21		Jay Wu

BMC Card





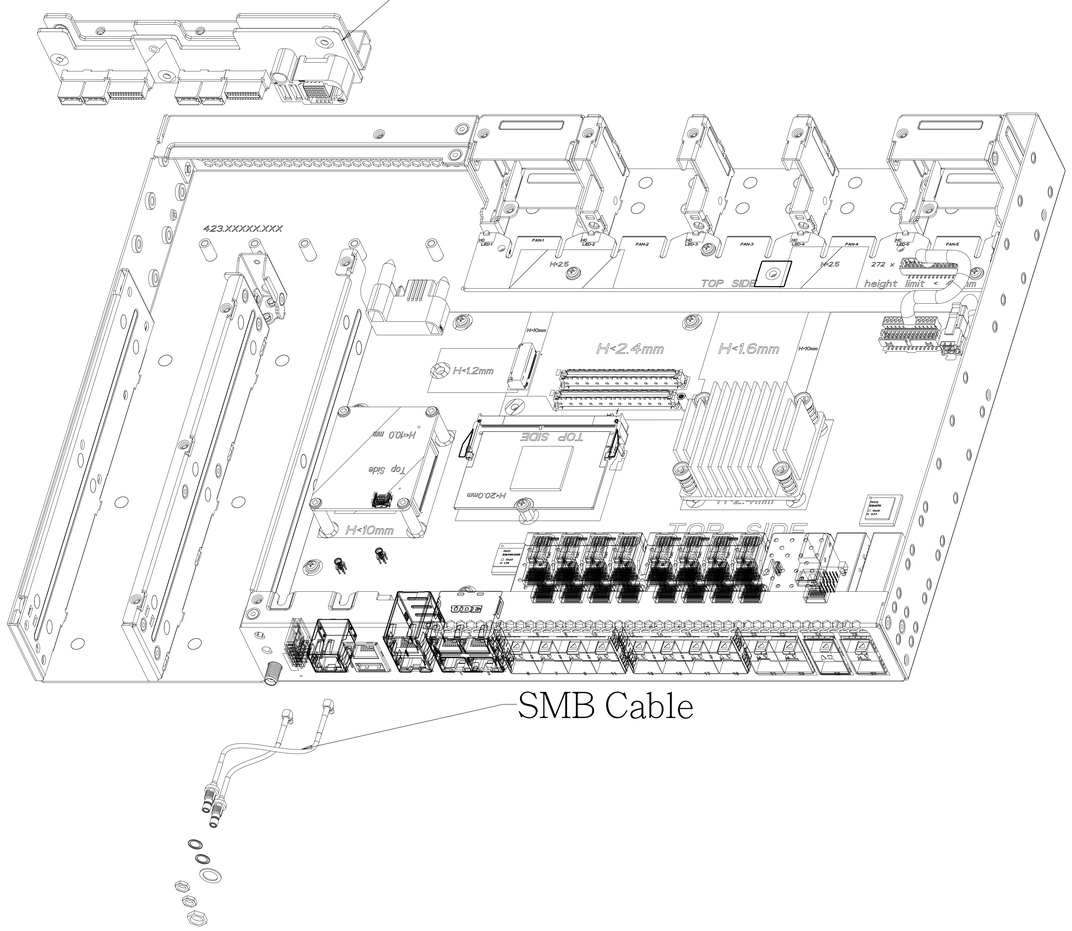
Step 03 BMC Card assembly

MATERIAL (SPEC.)	SEE NOTES	SCALE	ufiSpace		
FINISH	SEE NOTES	1:20			
Defect		SHEET NT			
DECIMAL	A	B	C	UNIT	PART NAME EXP ASSEMBLY STEP-03
0~6	0.05	0.05	0.10	mm	
6~30	0.10	0.10	0.20	SIZE	MODEL / PART NO. / DESIGNED
30~120	0.15	0.20	0.30	A0	
120~315	0.20	0.30	0.40		
315~400	0.25	0.40	0.50		
400~630	0.35	0.50	0.60		CUSTOMER MODEL / CUSTOMER PART NO. / APPROVED Jason
DRAFT	TOLERANCE	± 0.5°	± 1/2	FINISH	SURFACE

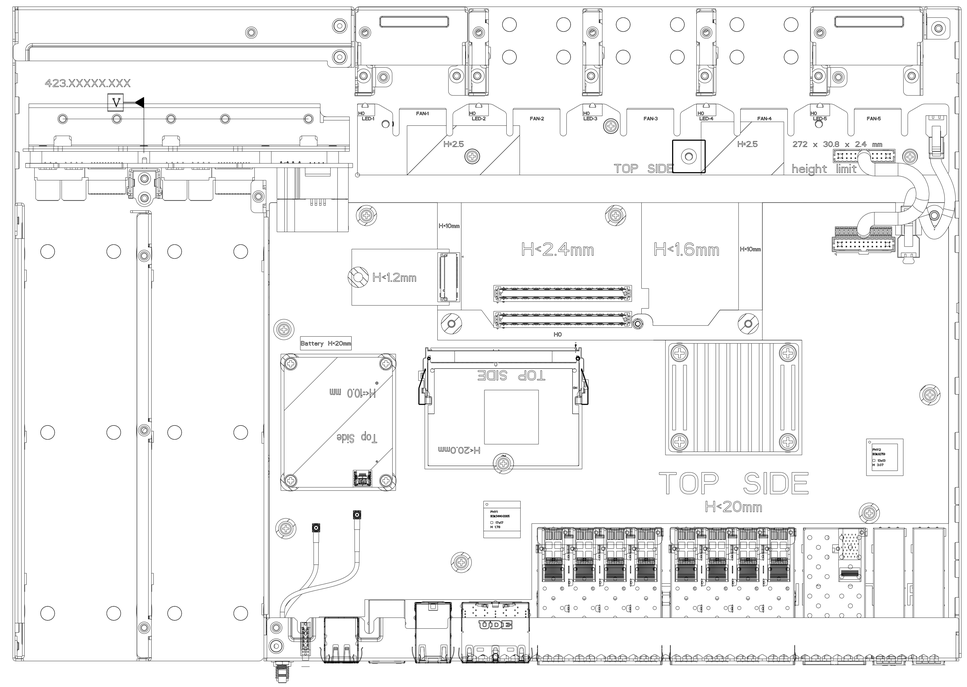
L K J I H G F E D C B A

VER	MARK	ECN/ECN NO	DATE	UPDATE DESCRIPTION	SIGNATURE
01			May-27-21		Jay Wu

PSU BOARD



SMB Cable



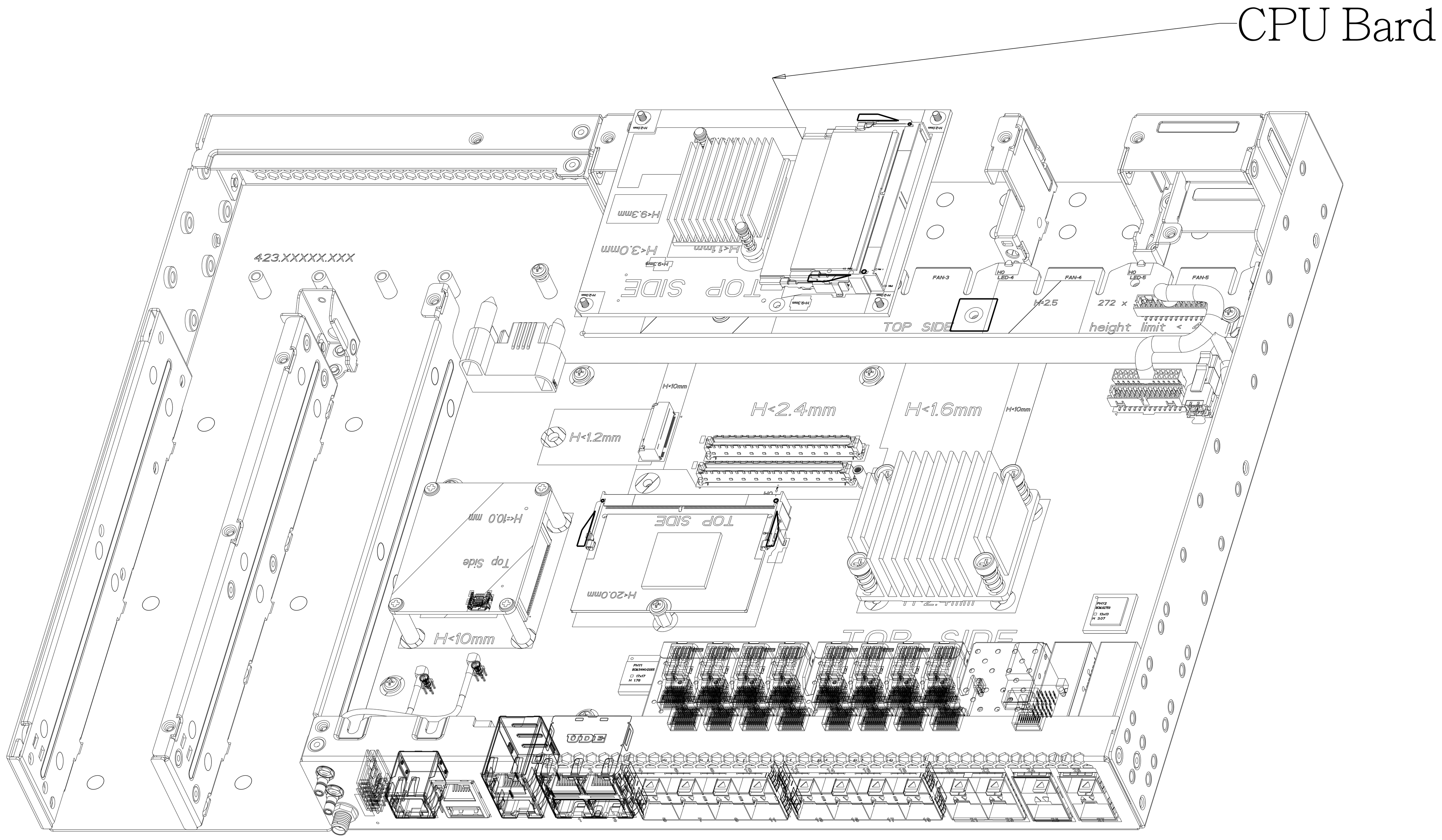
Step 04 PSU BOARD/SMB Cable assembly

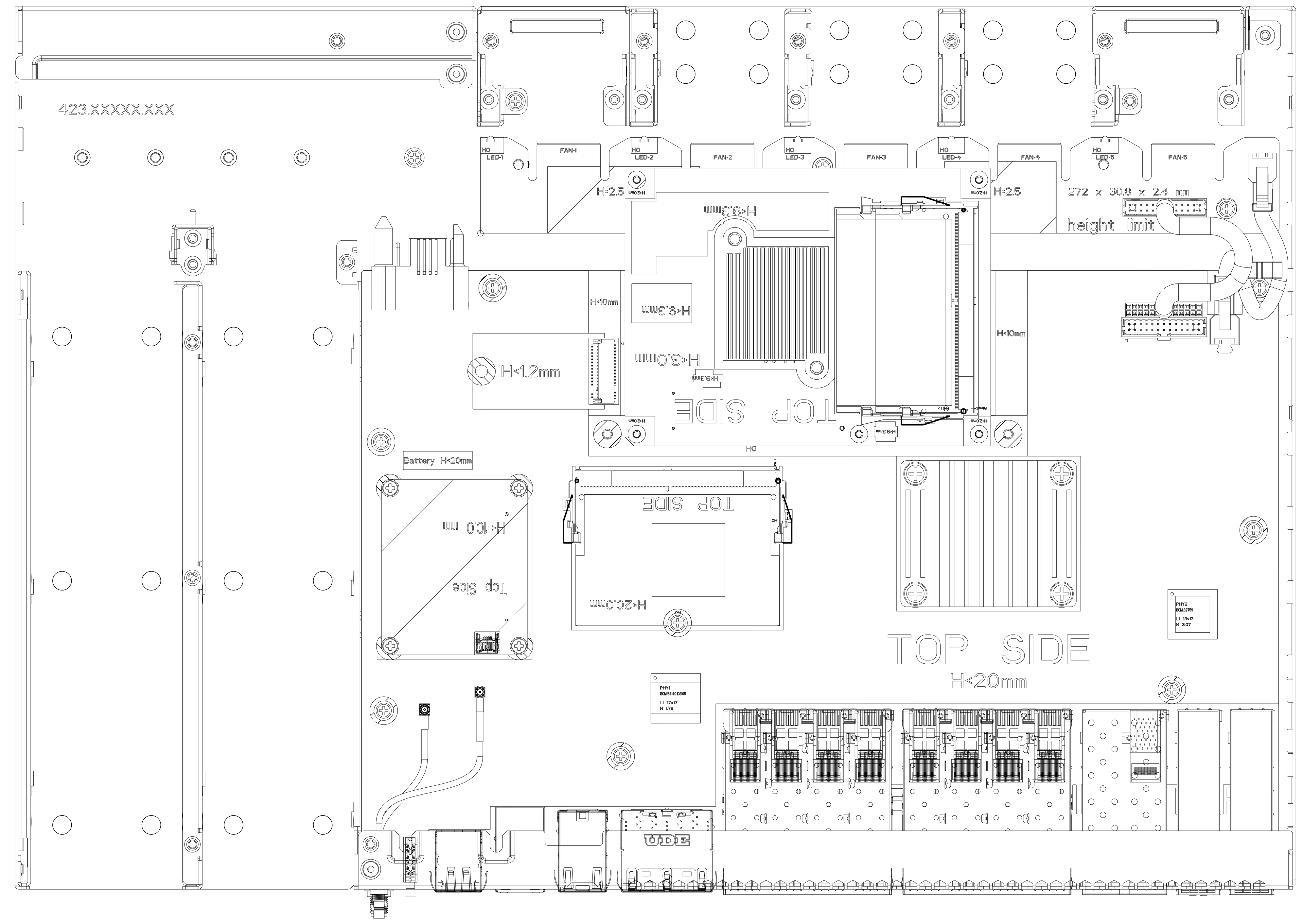
MATERIAL (SPEC)	SEE NOTES	SCALE	ufiSpace
FINISH	SEE NOTES	SHEET	
Select		A/T	PART NAME EXP ASSEMBLY STEP-04
UNIT	mm		
SIZE	A0	MODEL	PART NO.
CUSTOMER MODEL		CUSTOMER PART NO.	DESIGNED Jay Wu
			APPROVED Jason

Size	A	B	C	SFP/SFP28/QSFP	CTE	eMMC/USB
0~6	0.05	0.05	0.10	0.05	0.05	0.05
6~30	0.05	0.05	0.20	0.05	0.05	0.20
30~120	0.05	0.05	0.30	0.05	0.05	0.30
120~315	0.05	0.05	0.40	0.05	0.05	0.40
315~400	0.05	0.40	0.50	0.05	0.05	0.50
400~1000	0.05	0.50	0.60	0.05	0.05	0.60

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS, SURFACE FINISH: 125 µin, TOLERANCES: FRACTIONAL ± 1/64" ANGULAR: ± 0.5° TWO PLACE DECIMAL ± 0.01 THREE PLACE DECIMAL ± 0.005 INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5M-1994 MATERIAL: SEE NOTES FINISH: SEE NOTES DO NOT SCALE DRAWING CRITICAL DIM MARK ★

VER.	MARK	ECR/ECN NO.	DATE	UPDATE DESCRIPTION	SIGNATURE
01			May-27-21		Jay Wu





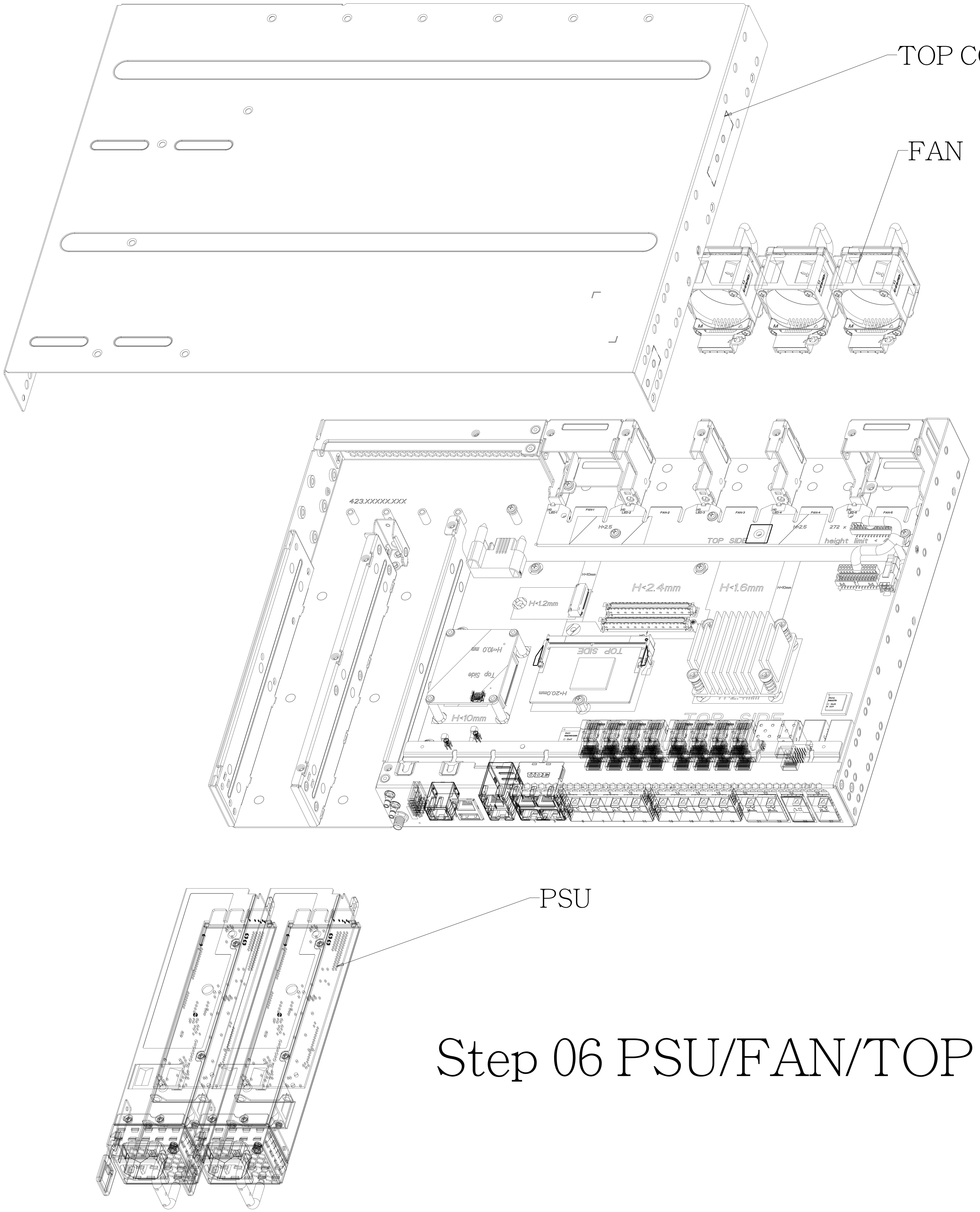
Step 05 CPU Board assembly

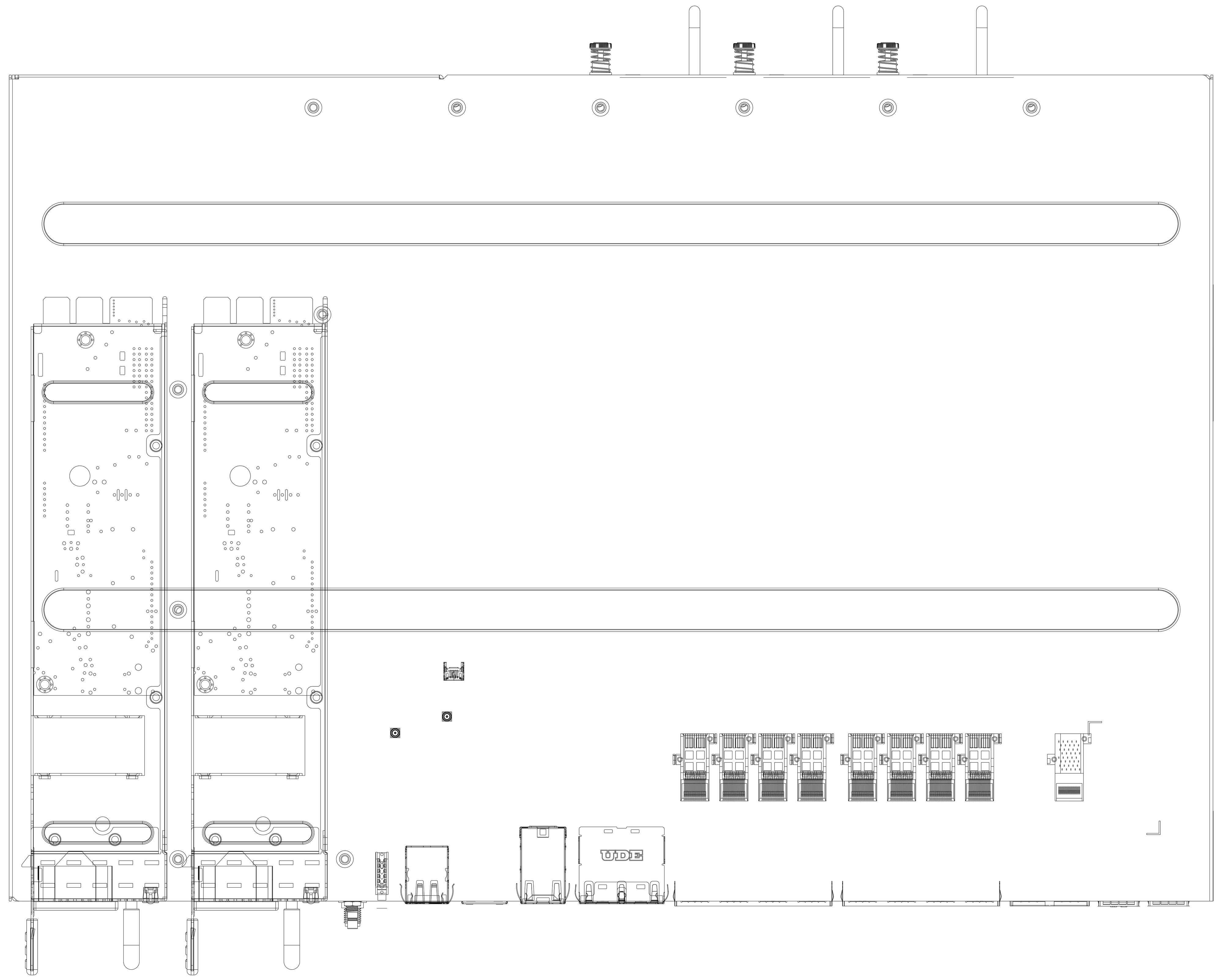
MATERIAL (SPEC.) SEE NOTES	SCALE 0.200	ufiSpace	
FINISH SEE NOTES	SHEET 5/7		
	UNIT mm	PART NAME EXP ASSEMBLY STEP-05	
	SIZE A0	MODEL	PART NO. / DESIGNED Jay Wu
		CUSTOMER MODEL	CUSTOMER PART NO. / APPROVED Jason

Select Dim / Tol.	A	B	C	EPS	EPE	BAG	CTN	Label	USR
0~6	0.05	0.05	0.10					0.20	
6~30	0.10	0.15	0.20	0.50	0.50	3.00		0.20	
30~120	0.15	0.20	0.30	0.50	0.50	5.00	2.00	0.25	
120~300	0.20	0.30	0.40	1.00	1.00	10.00	3.00	0.30	
300~450	0.25	0.40	0.50	2.00	2.00	15.00	5.00	0.50	
450~600	0.30	0.50	0.60	3.00	3.00	20.00	5.00	0.80	

DRAFT TOLERANCE ± 0.2° CRITICAL DIM. MARK *

VER.	MARK	ECR/ECN NO.	DATE	UPDATE DESCRIPTION	SIGNATURE
01			May-27-21		Jay Wu





Step 06 PSU/FAN/TOP COVER assembly

MATERIAL (SPEC.)	SEE NOTES	SCALE 0.200
FINISH	SEE NOTES	SHEET 6/7

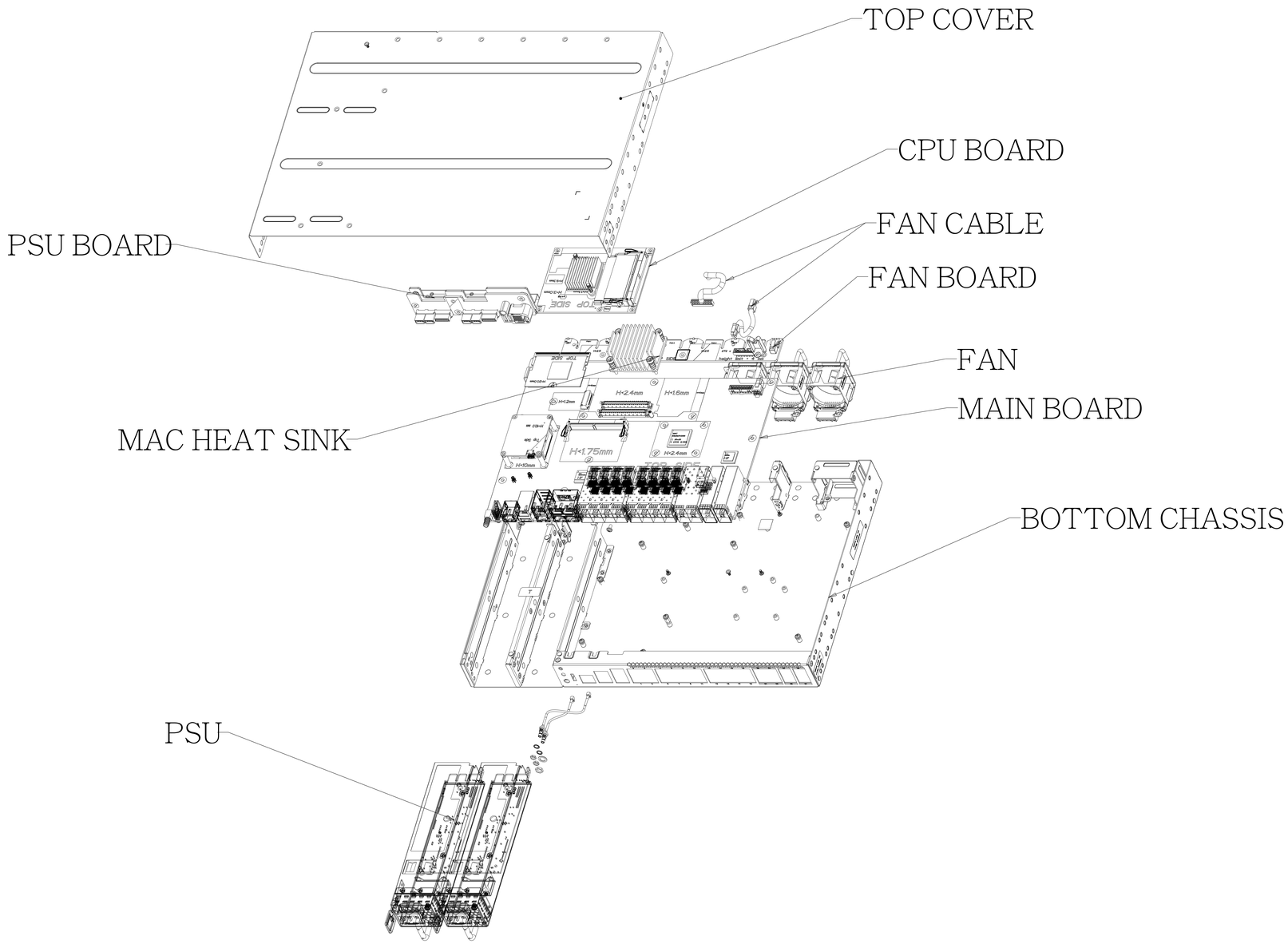
Select Dim\Tol.	A	B	C	EPS	EPE	BAG	CTN	Label	USR
0~6	0.05	0.05	0.10					0.20	
6~30	0.10	0.15	0.20	0.50	0.50	3.00		0.20	
30~120	0.15	0.20	0.30	0.50	0.50	5.00	2.00	0.25	
120~300	0.20	0.30	0.40	1.00	1.00	10.00	3.00	0.30	
300~450	0.25	0.40	0.50	2.00	2.00	15.00	5.00	0.50	
450~600	0.30	0.50	0.60	3.00	3.00	20.00	5.00	0.80	
DRAFT TOLERANCE	± 0.2°			CRITICAL DIM. MARK	*				

UNIT: mm
SIZE: A0

ufiSpace

PART NAME	EXP ASSEMBLY STEP-06		
MODEL		PART NO.	DESIGNED Jay Wu
CUSTOMER MODEL		CUSTOMER PART NO.	APPROVED Jason

VER	MARK	ECN/ECN NO.	DATE	UPDATE DESCRIPTION	SIGNATURE
01			May-27-21		Jay Wu



Explode Drawing

MATERIAL (SPEC)	SEE NOTES	SCALE	ufiSpace	
FINISH	SEE NOTES	1:2.05		
		SHEET 7/7		
Default Dim Tol.	A B C	UNIT mm	PART NAME	EXP ASSEMBLY EXPLODE
0~6	0.5 0.5 0.5	SIZE A0	MODEL	PART NO.
6~30	0.55 0.55 0.55		CUSTOMER MODEL	CUSTOMER PART NO.
30~120	0.15 0.20 0.30			
120~315	0.25 0.30 0.40			
315~400	0.25 0.40 0.50			
400~630	0.30 0.50 0.60			
UNLESS TOLERANCE ±0.2				

DESIGNED	Jay Wu
APPROVED	Jason