

LUXE

Status of ISS involvement

Veta Ghenescu

Institute of Space Science – INFLPR Subsidiary, Bucharest, ROMANIA

Status and plans for FPGA modules



Recent Acquisitions at ISS:

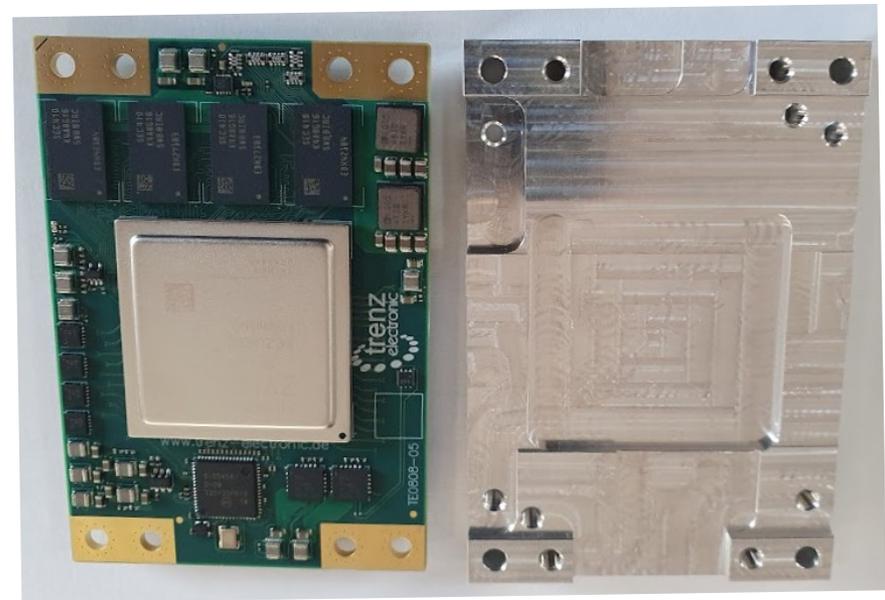
Acquisitions in December 2024:

- Two FPGA Modules from Trenz Electronic
- Two Heat Spreaders for FPGA Modules

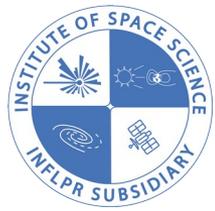
Location: *Institute of Space Science (ISS)*

Upcoming Transfer:

The modules will be transported to Krakow at the end of January 2025, following the ECAL Workshop.



Offers for W Plates: Comparative Analysis



Funding Secured for Tungsten Plates:

- Funding Amount: 15,000 RON (~3,000 euros)

Summary of Offers:

- **Beijing ATM (China):**

- Price: 566 euros per plate including *Air freight*

- **XIAMEN HONGLU (China):**

- Price: 915 US dollars (~895 euros) per unit including *CIF Bucharest*

Specifications:

Both companies provided their offers based on the most recent mechanical drawing:

- Dimensions: $555 \pm 0.2 \times 100 \pm 0.2 \times 3.55 (-0.1/+0)$ mm

Additional Notes:

- Offers received via the shared CERNBox folder: [LinktoOffers](#)

Offers for W Plates: Comparative Analysis



Tungsten Plate Quotation

Beijing ATAS Metal Materials Co.,Ltd					
10 Yongcheng North Road, Yongfeng Base, Haidian District, Beijing, China, Zone C, 100094					
From:	Shan Huang		From:	Yingli Shi	
fax:			fax:	010-58717300	
Telephone:			Telephone:	15901022963	
Email:			Email:	shiyingli@atmcn.com	
Number of pages:			Number of pages:	1	
date:			date:	2024-12-25	
size	unit	quantity	unit price (€)	Total price(€)	notes
555 ± 0.2*100 ± 0.2*3.55-0.05	piece	3	566	1698	1. Flatness 0.05 2. Material: pure tungsten 3. Air freight 4. The quotation is valid for one month.



厦门虹鹭钨钼工业有限公司

XIAMEN HONGLU TUNGSTEN-MOLYBDENUM INDUSTRY CO., LTD.

www.xiamen-honglu.com

Price List

To: the Institute of Space Science (ISS)

From: Sherwin Lin

Attn: Dr Veta Ghenescu

Phone: 86-592-3206700-7782

Phone: +40 21 457 4471

Fax: 86-592-6150412-7777

Fax:

Email: sherwin.lin@mail.tungsten-china.com

Quotation No.: XMHLQ24121917

Date: 2025-1-10

No.	Brand	Description	FOB XIAMEN	CIF Bucharest	MOQ (pcs)
1	HW3N8	Pure W sheet 555±0.2x100±0.2x3.55(-0.1/+0)mm (Flatness≤0.05mm)	USD852.00/EA	USD915.00/EA	3~5

Leadtime: 6~7weeks

Payment: T/T In Advance

Validity: by 2025-01-31

Open questions:

1. Budget Feasibility:

- With the secured funding (~3,000 euros), ISS can afford to purchase:
 - 2 tungsten plates from XIAMEN HONGLU
 - 4 tungsten plates from Beijing ATM

2. Decision Needed:

- Can we choose a supplier to continue the procurement procedures?

3. Logistics:

- Where should the acquired tungsten plates be delivered?

....

To Warsaw University for preliminary tests

To Kraków AGH for TB assembly preparation?

4. Next Steps:

Prepare the necessary documents between ISS and (e.g., Warsaw University or Krakow AGH) to establish a “Custodial Agreement” for the acquired tungsten plates.