



# TYPE APPROVAL CERTIFICATE

Polish Register of Shipping certifies that the undernoted product type

## PERSONAL COMPUTERS

**HP Elite 800 G9 Tower (TWR) and Small Form Factor (SFF) PCs**

issued to

**Mariner Systems (UK) Ltd.  
Oaklands Park, Wokingham  
Berkshire RG41 2FD  
United Kingdom**

is approved as complying with the requirements of the

PRS Rules and is suitable for use on board of Ships classified by PRS.

Certificate No. **TE/1062/883236/22**

Expiry date **2027-12-27**

Issued at

**Gdańsk, 2022-12-28**



**C/020/54**

*[Handwritten Signature]*  
Signature

Polski Rejestr Statków S.A.  
al. Gen. Józefa Hallera 126  
80-416 Gdańsk, Poland

Tel. +(48) 58 346 17 00  
Fax +(48) 58 346 03 92

mailbox@prs.pl  
www.prs.pl

Continued overleaf

## Technical Data

<b>Processor:</b>	All processors up to and including Intel Core i7, Core i5, Core i3 with 3.3GHz (4.9GHz turbo) frequency, 25MB cache, 12 cores;	
<b>Rated Voltage:</b>	100 to 240V AC, 50/60 Hz;	
<b>Memory:</b>	Up to 128 GB DDR4-2666 DIMM;	
<b>Hard Disk:</b>	2TB M.2 2280 PCIe NVMe TLC SSD	2TB SATA-6G 3.5" (7200 rpm)
	1TB M.2 2280 PCIe NVMe TLC SSD	1TB SATA-6G 3.5" (7200 rpm)
	512GB M.2 2280 PCIe NVMe TLC SSD	500GB SATA-6G 3.5" (7200 rpm)
	256GB M.2 2280 PCIe NVMe TLC SSD	1TB SATA-6G 2.5" (7200 rpm)
	512GB M.2 2280 PCIe NVMe SSD	500GB SATA 2.5" (7200 rpm)
	256GB M.2 2280 PCIe NVMe SSD	500GB SATA 2.5" SED Opal 2 (7200 rpm);
<b>Optical Drive:</b>	HP ODD 9.5mm DVD Writer HP ODD 9.5mm DVD-ROM;	
<b>Graphics Card:</b>	Intel UHD Graphics (integrated) NVIDIA T1000 8GB 4mDP (PCIe x16), AMD Radeon RX 550X 4GB (PCIe x16) NVIDIA Quadro P620 2GB (PCIe x16), AMD Radeon R7 430 2GB 2DP (PCIe x16) NVIDIA Quadro P400 2GB (PCIe x16) NVIDIA GeForce GT730 2GB (PCIe x8) NVIDIA T400 4GB w/2 mDP-to-DP (PCIe x16)	
<b>Operating System:</b>	Windows 11 Professional Windows 11 Home Windows 10 Professional (64-bit) FreeDOS.	

## Basis of approval

1. The technical documentation approved by PRS on 2022-12-28.
2. The positive results of environmental tests carried out at MS Testing, Division of Mariner Systems (UK) Ltd. Test Reports No.: TL22277 and TL22296 dated 2022-11-17.
3. The Quality Management System Certificate BS EN ISO 9001:2015 No. UK012770 issued by Bureau Veritas Certification with Expiration Date 2025.01.08.
4. Survey reports Nos TM/SGi/01/21 dated 2021-05-25 and TM/SGi/01/22 dated 2022-12-28.

## Additional conditions and remarks:

1. The workstation must be used in conjunction with the Mariner Kit MS2650 or MS2660 (TWR) and MS2670 or MS2680 (SFF).
2. The condition for maintain validity of this Certificate is to maintain validity of A/M ISO 9001 Certificate.
3. Compass safe distance: TWR – 800 mm (1 Degree Deflection) or 1000 mm (0.3 Degree Deflection);  
SFF - 700 mm (1 Degree Deflection) or 1000 mm (0.3 Degree Deflection);
4. Each product is to be marked with Model No, Rated Voltage and Serial No.

## Notes

- 1 The approval is valid only when the product is used in accordance with the manufacturer's conditions.
- 2 Changes of product design and materials which influence product quality are to be agreed with PRS.
- 3 Type Approval Certificate will be cancelled in the case of dissatisfactory service results, modifications made in the product structure or materials without PRS' consent, not advising PRS of the manufacturer's name change.

**Polish Register of Shipping** means Polski Rejestr Statków S.A., seated in Gdańsk, al. gen. Józefa Hallera 126, 80-416 Gdańsk, Poland, registered in the Register of Entrepreneurs of the National Court Register, under entry number 0000019880. Polish Register of Shipping, its affiliates and subsidiaries, their respective officers, employees or agents are, individually and collectively, referred to as Polish Register of Shipping or as PRS for short.

In carrying out survey activities, PRS makes efforts to ensure that they are conducted with conscientiousness and the principles of good practice, with due regard paid to the state-of-the-art technology. However, neither PRS nor its Surveyors shall bear any civil liability for damage, loss or expense which may arise in consequence or as the outcome of conducting these activities, or the result of information or advice given to the customer by PRS, irrespective of whether or not such were the result of neglect, error or lack of proper information. Nevertheless, should the customer prove that such damage, loss or expense was due to negligence on the part of the Society or its Surveyors, PRS will pay compensation to the customer for his loss up to but not exceeding the amount due for services provided, forming the basis of the customer's claim. In no cases will PRS be responsible for indirect losses (loss of prospective profits, loss of contract, inability to undertake activities) sustained by the customer and associated with the executing of a commission by PRS.