

# HP Workstation Z6 G5 A - tower Ryzen ThreadRipper PRO 7945WX 4.7 GHz - 64 GB - SSD 1 TB



26-09-2024

|                      |  |
|----------------------|--|
| SKU                  | 82F90ET#U UW   |
| Product Description: | HP Workstation Z6 G5 A - tower Ryzen ThreadRipper PRO 7945WX 4.7 GHz - 64 GB - SSD 1 TB  |
| Type:                | Workstation - tower  |
| Bundled Services:    | HP 3 years Onsite Care Workstation Hardware Support Bundle                               |
| Height (Rack Units): | 4U   |
| Localisation:        | Language: Danish, Norwegian, Finnish, Swedish / region: Denmark, Finland, Norway, Sweden |
| Processor:           | 1 x AMD Ryzen ThreadRipper PRO 7945WX / 4.7 GHz (, up to 5.3 GHz, (12-core)              |
| Processor Socket:    | Socket SP6   |

## General

|                      |  |
|----------------------|--|
| Type:                | Workstation  |
| Bundled Services:    | HP 3 years Onsite Care Workstation Hardware Support Bundle                               |
| Product Form Factor: | Tower - 4U   |
| Embedded Security:   | Trusted Platform Module (TPM 2.0) Security Chip  |
| Colour:              | Black  |
| Localisation:        | Language: Danish, Norwegian, Finnish, Swedish / region: Denmark, Finland, Norway, Sweden |

## Processor / Chipset

|                  |                                   |
|------------------|-----------------------------------|
| CPU:             | AMD Ryzen ThreadRipper PRO 7945WX |
| Clock Speed:     | 4.7 GHz                           |
| Max Turbo Speed: | 5.3 GHz                           |
| Number of Cores: | 12-core                           |
| CPU Qty:         | 1                                 |

## Environmental Parameters

|                            |                             |
|----------------------------|-----------------------------|
| Min Operating Temperature: | 5 °C                        |
| Max Operating Temperature: | 40 °C                       |
| Humidity Range Operating:  | 8 - 85% RH (non-condensing) |

## Dimensions & Weight (Shipping)

|                  |         |
|------------------|---------|
| Shipping Width:  | 31.3 cm |
| Shipping Depth:  | 59.3 cm |
| Shipping Height: | 63 cm   |

## Dimensions & Weight

|         |          |
|---------|----------|
| Width:  | 16.9 cm  |
| Depth:  | 46.5 cm  |
| Height: | 44.45 cm |
| Weight: | 13.2 kg  |

## Manufacturer Warranty

|                    |  |
|--------------------|--|
| Service & Support: | Limited warranty - parts and labour - 1 year - on-site |
|--------------------|--|

Produktdatablad genereret d. 16-09-2024 20:49.

Vær opmærksom på at priser og lagerstatus var gældende på genereringstidspunktet og dermed ikke kan garanteres.

## Processor / Chipset

|                    |             |
|--------------------|-------------|
| Max CPU Qty:       | 1           |
| L2 cache:          | 12 MB       |
| CPU Upgradability: | Upgradable  |
| CPU Socket:        | Socket SP6  |
| Chipset Type:      | AMD PRO 695 |

## Cache Memory

|                      |                  |
|----------------------|------------------|
| Installed Size:      | L3 Cache - 64 MB |
| Cache Per Processor: | 64 MB            |

## RAM

|                         |                                |
|-------------------------|--------------------------------|
| Installed Size:         | 64 GB (installed) / 1 TB (max) |
| Technology:             | DDR5 SDRAM - ECC               |
| Effective Memory Speed: | 5200 MHz                       |
| Rated Memory Speed:     | 5600 MHz                       |
| Form Factor:            | DIMM 288-pin                   |
| Slots:                  | 8 (Total) / 6 (empty)          |
| Features:               | Registered                     |
| Configuration Features: | 2 x 32 GB                      |

## Hard Drive

|                 |  |
|-----------------|--|
| Type:           | SSD - M.2 2280   |
| Capacity:       | 1 x 1 TB   |
| Interface Type: | PCI Express 4.0  |
| Features:       | HP Z Turbo Drive, NVMe Express (NVMe), triple-level cell (TLC) |

## Storage Controller

|                            |                                 |
|----------------------------|---------------------------------|
| Type:                      | SATA                            |
| Controller Interface Type: | SATA 6Gb/s                      |
| RAID Level:                | RAID 0, RAID 1, RAID 5, RAID 10 |

## Operating System / Software

|              |   |
|--------------|---|
| OS Provided: | Windows 11 Pro Danish / English / Finnish / Norwegian / Swedish |
|--------------|---|

|           |  |
|-----------|--|
| Software: | HP Support Assistant, HP Performance Advisor, HP PC Hardware Diagnostics UEFI, HP Secure Erase, HP BIOSphere, HP BIOS Configuration Utility (free download), HP Driver Packs, HP Image Assistant, HP Documentation, HP Notifications, HP System Software Manager (free download), HP Sure Click, HP Sure Run, HP Sure Recover, HP Manageability Integration Kit, HP Privacy Settings, HP Sure Sense, HP SureStart, HP Sure Admin, myHP, HP Easy Clean, HP Smart Support, HP PC Hardware Diagnostics Windows, HP Anyware, HP Services Scan, HP Data Science Stack Manager |
|-----------|--|

## Power

|                          |              |
|--------------------------|--------------|
| Device Type:             | Power supply |
| Efficiency:              | 90%          |
| Power Factor Correction: | Yes (active) |

## Miscellaneous

|                             |   |
|-----------------------------|---|
| Theft/Intrusion Protection: | Security lock slot (cable lock sold separately) |
| Security Slot Type:         | Kensington security slot                        |

|                      |  |
|----------------------|--|
| Compliant Standards: | RoHS, Green Mark, Common Criteria EAL4+, CECP, CEL, SEPA, low halogen, ACPI 6.0, Korea Eco-Label, TCO Certified Edge |
|----------------------|--|

|                               |              |
|-------------------------------|--------------|
| Manufacturer Selling Program: | HP Smart Buy |
|-------------------------------|--------------|

## Expansion / Connectivity

|       |   |
|-------|---|
| Bays: | 1 (total) / 1 (free) x external 5.25" ; 1 (total) / 1 (free) x internal 5.25" |
|-------|---|

|        |   |
|--------|---|
| Slots: | 4 (total) / 4 (free) x PCIe 5.0 x16 ; 2 (total) / 2 (free) x PCIe 5.0 x4 ; 1 (total) / 1 (free) x PCIe 4.0 x16 ; 3 (total) / 3 (free) x PCIe 4.0 x4 ; 2 (total) / 2 (free) x M.2 Card (PCIe 5.0 x4 mode) ; 2 (total) / 1 (free) x M.2 Card (PCIe 4.0 x4 mode) |
|--------|---|

## Optical Storage

Type: No optical drive

## Monitor

Monitor Type: None.

## Graphics Controller

Graphics Processor: No graphics

## Audio Output

Compliant Standards: High Definition Audio

## Input Device

Type: Mouse, keyboard

## Keyboard

Keyboard Name: HP 320K

Interface: USB

## Expansion / Connectivity

Interfaces: 2 x USB 3.1 Gen 1 - Type A (2 front) (one of them is charging) ; 2 x USB-C 3.2 Gen 2x2 ; 1 x headphones/microphone (1 in front) (CTIA headset support) ; 6 x USB 3.2 Gen 1 - Type A (6 rear) ; 1 x audio line-out/line-in (1 rear) ; 1 x LAN (Gigabit Ethernet) (1 rear)

## Networking

Ethernet Controller: Realtek RTL8111EPP

Data Link Protocol: Ethernet, Fast Ethernet, Gigabit Ethernet

Features: Wake on LAN (WoL), PXE 2.1 support

Compliant Standards: DASH

## Mouse

Mouse Name: HP 320M

