

Datasheet

Workstation Intel single-CPU WI1004-FRCIS

[Ver. 2.0]

Highlights at a glance:

- Incl. Intel Core i3-14100, can be upgraded with an Intel Core i9-14900K CPU (14th generation)
- Incl. 8 GB RAM, upgradeable up to 128GB RAM, (4 DIMMs)
- Space-saving SATA/NVMe M.2 SSD (onboard) possible
- 4x (Not hot-swap) 2.5" drives, up to 8 TB
- Graphics ports: 2x DisplayPort, 1x HDMI
- Ideal for office use due to its compact design
- Silent system, very quiet
- Extremely energy efficient



Mainboards

Manufacturer	ASUS
Mainboards	ASUS Prime B760M-A-CSM
Chipset	Intel B760
Socket	Intel LGA 1700 - Desktop
Processor	Intel Core 14th Generation (Raptor Lake S)
Main Memory	4 DIMMs 128 GiB DDR5 4200 UDIMM
Onboard graphic	2x HDMI, 1x display port
Onboard graphics maximum resolution	3840x2160@60Hz
Additional card (optional)	PNY NVIDIA RTX A400 (4GB)
USB ports	6x USB (rear)

Extension-slots for additional cards

PCI slots (mainboard)	1x PCIe 4.0 x16 1x PCIe 4.0 x1 1x PCIe 4.0 x4
Available slots in the chassis	3x Full profile/Full Length

Onboard ports

SATA-3 (6 Gb/s)	4x SATA-3 (6 Gbit/s)
M.2	2 x M.2 PCIe 3.0 x4
M.2 form factor	2242, 2260, 2280

Drives / storage capacity

Drive slots (total)	4x 2.5" x 3.5" (Not hot-swap) 4x 2.5"
SAS / SATA slots	4x SAS / SATA
Backplane	without Backplane
Max. capacity HDD (SATA)	8 TB
Max. capacity SSD (SATA)	8 TB

Server management

Remote management	no IPMI possible
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Chassis

Dimensions	393 mm (H), 215 mm (W), 432 mm (D), 432 mm (D) (incl. front panel)
Drives (optional)	External USB-drives
Fan (center)	2x 120x120x25mm non-hot-swap (,)
Coolers (rear)	1x 120x120x25mm (,)
Front USB ports	2

Power supply

Power supply unit	750 Watt Netzteil (80plus Gold) inkl. Netzkabel
energy efficiency	90%

Rack Assembly

Assembly rails	no mounting rails available
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environment-requirements

Recommended ambient temperature 20 - 22 degree

Recommended humidity max. 40%

Recommended deployment location Thanks to its design and low noise output, the system is optimally equipped for use in the office.
