

Datasheet

Workstation Intel single-CPU WI1004-FRCIS

[Ver. 1.0]

Highlights at a glance:

- Incl. Intel Core i3-13100, upgradeable with a CPU Intel Core i9-13900 (13th generation) with up to 24 cores
- Incl. 8 GB RAM, upgradeable to 128GB RAM, (4 DIMMs)
- Space-saving SATA/NVMe M.2 SSD (onboard) possible
- 4x (Not hot-swap) 2.5" drives, up to 30.72 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
Processor	Intel Core 13th Generation (Raptor Lake)
Main Memory	4 DIMMs 128 GB DDR5 4800/5000/4200 UDIMM
Onboard graphic	2x HDMI, 1x display port
Onboard graphics maximum resolution	3840x2160@60Hz
Additional card (optional)	PNY NVIDIA Quadro T1000 (4GB)
USB ports	6x USB (rear)

Extension-slots for additional cards

PCI slots (mainboard)	0x PCIe 3.0 x1 1x PCIe 4.0 x16
Available slots in the chassis	3x Full profile/Full Length
Possible Riser cards	1x PCI-E (x8) Riserkarte

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" (Not hot-swap)
SAS / SATA slots	4x SAS / SATA
Backplane	without Backplane
Max. capacity HDD (SATA)	30.72 TB
Max. capacity SSD (SATA)	30.72 TB

Server management

Remote management	no IPMI possible
-------------------	------------------

Chassis

Dimensions	412 mm (H), 210 mm (W), 413 mm (D),
drives (in scope of delivery)	not contained, optional available
Drives (optional)	External USB-drives
Fan (center)	2x 120mm non-hot-swap (,)
Coolers (rear)	1x 120mm (,)
Silent blowerkit option	optionally available
Front USB ports	2

Power supply

Power supply unit	750 Watt Silent Netzteil (80plus Gold)
energy efficiency	90%

Rack Assembly

Assembly rails	no mounting rails available
----------------	-----------------------------

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.