

Fact Sheet:

TERRA PC BUSINESS 7700

Powerful. Reliable. Ready for the Future.



intel[®] intel[®] SOCKET LGA1700 | B760

Intel Core i5-14600KF Platform



intel[®] SOCKET LGA1700 | B760

 Windows 11 Pro

WORTMANN AG

E&OE

IT – Made in Germany

TERRA PC BUSINESS 7700

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TECHNICAL SPECIFICATIONS

Details

GENERAL

Processor model	Intel Core i5-14600KF 3.5GHz Max Boost 5.3GHz 14 Core 20 Thread
Operating system	Windows 11 Pro

SOFTWARE

Pre-installed software	1 month trial version for new Microsoft® 365 user
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PROCESSOR

Processor family	Intel 14 th Gen Raptor Lake
Processor cores	14 Core
Processor socket	LGA1700 Socket
Number of processors	1
Cooling type	LufterCPU CoolerMaster MasterLiquid 240 Core II ARGB

MEMORY

Internal memory	32
Memory layout (slots x size)	2 x 16 GB
Maximum internal memory	128 GB
Memory clock speed	PC5600 MHz
Internal memory type	DDR5 SDRAM
Memory slots	4
Memory form factor	DIMM, 288-PIN

STORAGE

Total storage capacity	1 TB
HDD interface	2x M.2 PCIe 4.0, 4x SATA 6Gb/s
RAID levels	Only 4x SATA Support RAID 0, RAID 1, RAID 5, RAID 10 PCIe /NVMe RAID NOT Supported
SSD interface	PCIe 4.0

TECHNICAL SPECIFICATIONS

Details (continued)

STORAGE (CONTINUED)

SSD capacity	1 TB
HDD capacity	1 x 1 TB - SSD
Storage media	Samsung 990 Pro

PERFORMANCE

Series	Business
Audio output channels	8-channel
Motherboard chipset	Intel B760

DESIGN

Chassis type	Tower
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KEYBOARD

Keyboard language	Keyboard not included
Device interface	USB

TECHNICAL DETAILS

Localization	International
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PACKAGING CONTENT

Included Accessories	Quick Start Guide, EU Power Cable
Keyboard language	German. Other languages selectable

EXPANSION SLOTS

Expansion slots	1x PCIe 4.0 x16 (supports x16), 2x PCIe 3.0 x1
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WEIGHT & DIMENSIONS

Height	46.3 cm
Width	23.2 cm
Depth	43 cm
Weight	16.7 kg

OTHER FEATURES

Number of drive bays	2 intern - 8.9 cm (3.5"/ 2.5" with Adapter), 5 intern 6.4 cm (2.5" SSD)
Interface	Front: 2x USB3.2 Gen1 Type A. Rear: PS/2 Mouse + Keyboard, 1x HDMI, 2x Display Port, 1x VGA, 2x USB 3.2 Type A, 2x USB 2.0 Type A, 1x Ethernet, 3x Audio
Compatible operating systems	Windows 10, Windows 11
Motherboard manufacturer	ASUS PRO B760M-C-CSM
Special features	TPM 2.0. Front: 2x USB 3.2 Gen1 Type A, + Audio

MOUSE

Mouse not included	Mouse not included
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TECHNICAL SPECIFICATIONS

Graphics, Power & Service

GRAPHICS

Graphics card	PNY 16GB RTX 2000 ADA
Graphics card memory	16GB DDR6
Graphics adapter ports	4x Mini Display Port (Without adapters)
On-board graphics adapter memory	4 GB
On-board graphics max resolution	Max. 7680 x 4320

POWER

Power source	ATX Power Supply Be Quiet! 650W Bulkware System Power 11B 80+ Bronze
Maximum input power	650 W
AC adapter input voltage	100-240 V~ / 50-60 Hz

OPERATIONAL CONDITIONS

Operating temperature (T-T)	5 °C - 35 °C
Recommended humidity (operating)	10 - 75% (non-condensing)

NETWORK

Ethernet LAN	RJ45
LAN controller	Realtek 2.5Gb ELAN chip (2.5 Gbps / 1 Gbps / 100 Mbps, WOL/PXE)
Data link protocols	Ethernet, Fast Ethernet, Gigabit Ethernet, 2.5 Gb Ethernet IEEE 802.11be, Bluetooth 5.4

OPTICAL & INPUT

Optical drive type	None
Movement detection technology	Optical
Device interface	USB

SERVICE (OPTIONAL, AT EXTRA COST)

Bring-In-Service	24 Mon.
On-site service options	TERRA PC 24H on-site service + mr 24 / 36 / 48 / 60 months

PARTNER OVERVIEW

Why Choose Terra & Wortmann?

- One of Europe's largest independent IT manufacturers with 40 years of experience.
- Family-owned German company focused on long-term customer relationships, quality, and reliability. High-performance business laptops, desktops, workstations, servers, and storage solutions.
- German engineering and rigorous quality standards designed for professional environments.
- A trusted alternative to Dell, HP, and Lenovo without compromising on performance or reliability.
- Competitive pricing combined with enterprise-grade quality and features.
- Flexible product configurations tailored to individual business requirements.
- Long product lifecycles and consistent product ranges to simplify IT management and deployment.
- Strong European supply chain and product availability to help avoid project delays.
- Designed for business with enterprise security, reliability, and ease of management.
- Greener. Commitment to sustainability and responsible manufacturing practices.
- Delivered and supported through trusted local IT partners and managed service providers.
- Personal service, fast response times, and direct access to knowledgeable support teams.
- Trusted by organisations across education, healthcare, government, and commercial sectors throughout Europe.

INVEST WITH CONFIDENCE

- ✓ Proven European technology manufacturer
- ✓ Business-class reliability and performance
- ✓ Long-term product availability
- ✓ Flexible and scalable solutions
- ✓ Competitive value for money
- ✓ Personal support and service
- ✓ A genuine alternative to traditional tier-one vendors

