TERRA PC-BUSINESS 6000 AMD Ryzen™ 5 PRO 8500G 16 GB DDR5-SDRAM 500 GB SSD Windows 11 Pro Micro Tower Black



Brand : TERRA

Product code: EU1000128

Product name : PC-BUSINESS 6000

AMD Ryzen 5 PRO 8500G, 16GB DDR5 SDRAM, 500GB M.2 NVMe SSD, AMD Radeon 740M, Micro Tower, Windows 11 Pro, 80 Plus Bronze, 350W, 5.2kg

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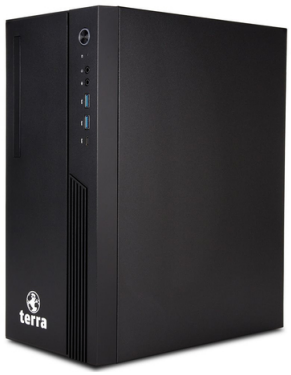
Optimise business results with Windows 11 Pro PCs Make new Windows 11 PCs the cornerstone of your technology stack
TERRA PC-BUSINESS 6000. Processor frequency: 3.5 GHz, Processor family: AMD Ryzen™ 5, Processor model: PRO 8500G. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 4800 MHz. Total storage capacity: 500 GB, Storage media: SSD, Optical drive type: DVD±RW. On-board graphics card model: AMD Radeon 740M. Operating system installed: Windows 11 Pro. Power supply: 350 W. Chassis type: Micro Tower. Product type: PC. Product colour: Black



Processor	
Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 5
Processor generation	AMD Ryzen PRO 8000 Series
Processor model *	PRO 8500G
Processor cores	6
Processor threads	12
Processor boost frequency	5 GHz
Processor frequency *	3.5 GHz
Performance-core Max Turbo Frequency	5 GHz
Efficient-core Max Turbo Frequency	3.7 GHz
Performance-core base frequency	4.1 GHz
Efficient-core base frequency	3.3 GHz
Processor cache	16 MB
Processor cache type	L2 & L3
Number of processors installed	1
Processor socket	Socket AM5
Processor base power	65 W

Memory	
Internal memory *	16 GB
Maximum internal memory *	256 GB
Internal memory type	DDR5-SDRAM
Memory layout (slots x size)	2 x 8 GB
Memory slots	4x DIMM
Memory clock speed	4800 MHz

Storage	
Total storage capacity *	500 GB

Performance	
Product type *	PC
Trusted Platform Module (TPM) version	2.0
Audio output channels	8.0 channels
Sound pressure level	22.7 dB

Network	
Ethernet LAN *	✔
Ethernet LAN data rates	100,1000 Mbit/s

Ports & interfaces	
USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
DisplayPorts quantity	2
HDMI ports quantity *	1
Ethernet LAN (RJ-45) ports	1
Number of rear USB ports	7
Number of front USB ports	3
Number of front audio ports	2
Number of rear audio ports	3

Expansion slots	
PCI Express x16 (Gen 3.x) slots	2
PCI Express x16 (Gen 4.x) slots	1
Expansion slots	1x PCIe 4.0 x16, (support x8/x4 mode), 2x PCIE 3.0 x16 (support x1 mode)

Storage	
Storage media *	SSD
Optical drive type *	DVD±RW
Total SSDs capacity	500 GB
Number of SSDs installed	1
SSD capacity	500 GB
SSD interface	PCI Express 4.0
NVMe	✗
SSD form factor	M.2
M.2 SSD size	2280 (22 x 80 mm)
Storage options	2x M.2 (Key M) 2280/2260/2242, PCIe 4.0 x4 mode, 4x SATA 6Gb/s ports ¦ Supports SATA & PCIe Raid 0/1
RAID support	✗

Graphics	
Discrete graphics card *	✗
On-board graphics card *	✓
Discrete graphics card model *	Not available
On-board GPU manufacturer	AMD
On-board graphics card family	AMD Radeon Graphics
On-board graphics card model *	AMD Radeon 740M
On-board graphics card 6K support	✓
On-board graphics card 8K support	✓
Number of external displays supported	3
Resolution description	HDMI max. 4096 x 2160 @ 60Hz ¦ DP max. 7680 x 4320 @60Hz
Graphics card HDMI ports quantity	1
Graphics card DisplayPorts quantity	2

Performance	
Market positioning	Business
Motherboard chipset	AMD B840M
Trusted Platform Module (TPM)	✓

Power	
Power supply *	350 W
Power supply input voltage	230 V
Power supply input frequency	50 Hz
Power consumption (typical)	18 W
Power consumption (standby)	1 W
Power consumption (off)	0.25 W
80 PLUS certification	80 PLUS Bronze

Design	
Chassis type *	Micro Tower
Product colour *	Black

Software	
Operating system installed *	Windows 11 Pro
Compatible operating systems	Windows 10, Windows 11

Display	
Display included *	✗

Audio	
Audio system	High Definition Audio

Operational conditions	
Operating temperature (T-T)	5 - 35 °C
Operating relative humidity (H-H)	10 - 75%

Weight & dimensions	
Width *	168 mm
Depth *	305 mm
Height *	353 mm
Weight *	5.2 kg

Packaging content	
Mouse included	✓
Mouse connectivity	Wired
Keyboard included	✗
Cables included	AC
Manual	✓

Certificates	
Compliance certificates	CE

Features	
Motherboard manufacturer	ASUS PRIME B840M-A-CSM

Other features	
Locale	German

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