

TERRA Workstation 7100 Intel® Core™ i5 i5-650 4 GB DDR3-SDRAM Windows 7 Professional Tower Black, Silver

Brand: TERRA Product code: 1000920

Product name: TERRA Workstation 7100

TERRA Workstation 7100. Processor frequency: 3.2 GHz, Processor family: Intel® Core™ i5, Processor model: i5-650. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM, Memory clock speed: 1333 MHz. Optical drive type: DVD Super Multi DL. On-board graphics card model: Intel® HD Graphics. Operating system installed: Windows 7 Professional, Operating system architecture: 64-bit. Power supply: 400 W. Chassis type: Tower. Product type: Workstation. Weight: 18 kg. Product colour: Black, Silver



Processor		Software	
Processor manufacturer *	Intel	Operating system architecture	64-bit
Processor family *	Intel® Core™ i5	Operating system installed *	Windows 7 Professional
Processor generation	Intel® Core™ i5	Drivers included	✓
Processor model *	i5-650	Trial software	Kaspersky Internet Security
Processor cores	2	Bundled software	Adobe Reader
Processor threads	4	Processor special features	
Processor boost frequency	3.46 GHz	Intel® Wireless Display (Intel®	
Processor frequency *	3.2 GHz	WiDi)	×
Processor socket	LGA 1156 (Socket H)	Intel 64	/
Processor cache	4 MB	Enhanced Intel SpeedStep	
Processor cache type	Smart Cache	Technology	1
System bus rate	2.5 GT/s	Embedded options available	×
Bus type	DMI	Intel® InTru™ 3D Technology	×
FSB Parity	×	Intel® Insider™	×
Processor lithography	32 nm	Intel® Clear Video HD Technology	
Processor operating modes	64-bit	(Intel® CVT HD)	1
Processor series	Intel Core i5-600 Desktop Series	Intel Clear Video Technology	×
Processor codename	Clarkdale	Intel VT-x with Extended Page	
Thermal Design Power (TDP)	73 W	Tables (EPT)	✓
Tcase	72.6 °C	Idle States	✓
PCI Express slots version	2.0	Thermal Monitoring Technologies	×
Maximum number of PCI Express lanes	16	Intel® AES New Instructions (Intel® AES-NI)	✓
PCI Express configurations	1x16, 2x8	Intel Trusted Execution Technology	1
Number of processors installed	1	Execute Disable Bit	·
Number of Processing Die Transistors	382 M		
Processing Die size	81 mm²	Intel FDI Technology	✓
Stepping	C2	Intel Flex Memory Access	×
CPU multiplier (bus/core ratio)	24	Intel Fast Memory Access	×
Maximum internal memory		Intel Enhanced Halt State	✓
supported by processor	16 GB	Intel Demand Based Switching	×
Memory types supported by processor	DDR3 1066/1333	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	×
Memory bandwidth supported by processor (max)	21 GB/s	Processor package size	37.5 x 37.5 mm
ECC supported by processor	×	Supported instruction sets	SSE4.2
	•	Physical Address Extension (PAE)	36 bit
		, s.car riddress Extension (FAE)	

Internal memory	Momory		Drossess special fortunes	
Maximum internal memory y pe DDA3-SDRAM minet Virtualization Technology for Directed 100 (VFL) 45 nm Memory Jayout (Islats x size) 2 x 2 GB minet Virtualization Technology for Directed 100 (VFL) V Memory Joso 4x DIMM Intel Virtualization Technology (VFL) V Memory Cokas Speed 1333 MHz Intel Dual Display Capable V Storage Dual-channel Technology X Optical drive type* DVD Super Multi DL Intel® Dad Storage Technology X HDD capacity 500 GB Intel® Type Threating Technology L0 HDD storage of HDDs Installed 1 Intel® HTT Technology L0 HDD spaed 7200 RPM Intel® MP Technology X HDD spaed 7200 RPM Intel® MP WIFT Technology (Intel® X X ARID support V Intel® MP WIFT Technology (Intel® X X ARID support V Intel® HD Graphics X On-board graphics card memory V Power X On-board graphics card memory Intel® HD Graphics Power supply* 400 W <td>Memory</td> <td>4.60</td> <td>Processor special features</td> <td>1</td>	Memory	4.60	Processor special features	1
Internal memory type Memory layout (slots x size) Memory Jount (slots x	•		•	
Memory Jolis Sample Samp	•			45 11111
Memory slots 4x DIMM Intel Virtualization Technology (VT- x) Memory clock speed 1333 MHz Intel Dual Display Capable Technology 4 Memory channels Dual-channel Intel Dual Display Capable Technology 4 Memory channels Dual-channel Intel Brupos Boost Technology 5 Memory channels 1 Intel Brupos Boost Technology 1.0 Mumber of MDD installed 1 Intel® Turbo Boost Technology 1.0 MDC apacity HDD capacity 500 GB Intel® Hyper Threading Technology 1.0 MDC apacity HDD interface 5ATA II Intel® Turbo Boost Technology 1.0 MDD interface 5ATA II Intel® Turbo Boost Technology 1.0 MDD interface 5ATA II Intel® Turbo Boost Technology 1.0 MDD intel® HDD Graphics 1.0 MDD interface 5ATA II Intel® MD WIFI Technology 1.0 MDD intel® HDD Graphics 4.0 MDD intel® MD WIFI Technology 1.0 MDD wiFi MDD w	, ,,			✓
Memory clock speed 1333 MHz Nemory clock speed 1333 MHz Nemory channels Dual-channel Technology Technology			Intel Virtualization Technology (VT-	,
Memory channels Dual-channel Technology X	Memory clock speed		·	•
Intel Rapid Storage Technology	Memory channels	Dual-channel		✓
Number of HDDs installed 1 Intel® Turbo Boost Technology 1.0 HDD capacity 500 GB Intel® Hyper Threading Technology / (Intel® HT Technology) / (Intel® HT Technology) / (Intel® HT Technology) / (Intel® ATT I Technology) / (Intel® ATT Technology) / (Intel® ATT Technology) / (Intel® ATT Technology) / (Intel® ATT Technology) / (Intel® ATT) HDD speed 7200 RPM	Storage			×
Intel® Hyper Threading Technology	Optical drive type *	DVD Super Multi DL	Processor ARK ID	43546
Intel® Quick Sync Video Technology More Properties More Prop	Number of HDDs installed	1	Intel® Turbo Boost Technology	1.0
Intel® Quick Sync Video Technology X	HDD capacity	500 GB	,, ,	✓
Intel® My WiFi Technology (Intel® MVT) RAID support RAID support RAID levels 0, 1, 5, 10 Intel® Anti-Theft Technology (Intel® MVT) Intel® Anti-Theft Technology (Intel® MVT) RAID levels Conflict-Free processor Conflict-Free processor X On-board graphics card family On-board graphics card family On-board graphics card model* Intel® HD Graphics On-board graphics card base frequency Number of displays supported (on-board graphics) Number of displays supported (on-board graphics) Naximum graphics card memory Number of displays supported (on-board graphics) Naximum graphics card memory Number of displays supported (on-board graphics) Naximum graphics card memory Number of displays supported (on-board graphics) Naximum graphics card memory Number of displays supported (on-board graphics) Naximum graphics card memory Number of displays supported (on-board graphics) Naximum graphics card memory Number of displays supported (on-board graphics) Naximum graphics card memory Number of displays supported (on-board graphics) Naximum graphics card memory Number of displays supported (on-board graphics) Naximum graphics card memory Number of displays supported (on-board graphics) Naximum graphics card memory Number of displays supported (on-board graphics) Naximum graphics card memory Number of displays supported (on-board graphics) Naximum graphics card memory Number of displays supported (on-board graphics) Nove (on-board graphics) Number of display (intel® HD Number	HDD interface	SATA II		
AMUT) AMUT March	HDD speed	7200 RPM		×
RAID levels 0, 1, 5, 10 (Intel® AT) Conflict-Free processor × On-board graphics card of von-board graphics card family on thel® HD Graphics on-board graphics card family on-board graphics card family on-board graphics card family on-board graphics card model on thel® HD Graphics on-board graphics card base frequency on-board graphics card base frequency on the frequency of the frequency on the frequency on the frequency of the	Card reader integrated	×		×
KRAID levels 0, 1, 5, 10 (Intel® AT) Graphics Conflict-Free processor Conflict-Free processor Conflict-Free processor Conflict-Free processor Conflict-Free processor Power Power On-board graphics card family Intel® HD Graphics Intel® HD Graphics Intel® HD Graphics On-board graphics card model Intel® HD Graphics Operating relative turnidity (H-H) 10 - 32 °C Considerating the foliation Intel® HD Graphics Number of displays supported (on-board graphics) Maximum graphics card memory 10.24 GB Storage relative humidity (H-H) 10 - 75% Maximum graphics card memory 10.24 GB Storage relative humidity (H-H) 5 - 95% Ports & interfaces Certificates USB 2.0 ports quantity 1 10 Weight & dimensions HDMI ports quantity 2 1 Width 3 200 mm Ports quantity 2 2 Popts quantity 4 10 Popts quantity 4 10 Popts quantity 5 10 Microphone in 445 mm Height 5 445 mm Height 6 May 18 kg Headphone outputs 1 1 Microphone in 445 mm	RAID support		Intel® Anti-Theft Technology	•
Non-board graphics card *	RAID levels	0, 1, 5, 10		
On-board graphics card family On-board graphics card model* On-board graphics card model* On-board graphics card base frequency Number of displays supported (on-board graphics) Operating temperature (T-T) Number of displays supported (on-board graphics) Operating temperature (T-T) Operating relative humidity (H-H) Operating	Graphics		Conflict-Free processor	×
On-board graphics card model On-board graphics card base frequency Number of displays supported (on-board graphics) Operating temperature (T-T)	On-board graphics card *	✓	Power	
On-board graphics card base frequency Number of displays supported (onboard graphics) Auxiliary 1.024 GB Storage temperature (T-T) 2.0 - 50 °C Operating relative humidity (H-H) 10 - 75% Maximum graphics card memory 1.024 GB Storage relative humidity (H-H) 5 - 95% Ports & interfaces USB 2.0 ports quantity 1 SUSB 2.0 ports quantity 1 SUSB 2.0 ports quantity 1 I Meight & dimensions Weight & dimensions Width * 200 mm PS/Z ports quantity 1 Ethernet LAN (R)-45) ports 1 Height * 445 mm Weight * 405 mm Microphone in	On-board graphics card family	Intel® HD Graphics	Power supply *	400 W
Trequency Tre	On-board graphics card model *	Intel® HD Graphics	Operational conditions	
Number of displays supported (onboard graphics) 2		733 MHz	Operating temperature (T-T)	10 - 32 °C
Doard graphics) Maximum graphics card memory 1.024 GB Storage relative humidity (H-H) 5 - 95% Certificates USB 2.0 ports quantity* 10 Certification EnergyStar, CE, ISO 9001, RoHS VGA (D-Sub) ports quantity 1 Weight & dimensions HDMI ports quantity 2 Depth * 500 mm 6SATA ports quantity 1 Height * 445 mm Ethernet LAN (RJ-45) ports Microphone in ✓ Packaging content S/PDIF out port DVI-I ports quantity 1 Display Expansion slots PCI Express x1 slots PCI Express x16 slots PCI slots Design Tower Black, Silver Networking features Graphics card family Montherboard chipset Montherboard chipset Audio output channels Networking features Graphics card Graphics card Audio output channels Tower Montherboard Factoria quantity Audio output channels	Number of displays supported (on-	2	Storage temperature (T-T)	-20 - 50 °C
Ports & interfaces USB 2.0 ports quantity* 10 Certification EnergyStar, CE, ISO 9001, RoHS VGA (D-Sub) ports quantity 1 Weight & dimensions HDMI ports quantity* 1 By/2 ports quantity 2 Depth * 500 mm PS/2 ports quantity 1 Height * 445 mm Height * 445 mm Height * 445 mm Microphone in ✓ Packaging content S/PDIF out port DVI-I ports quantity 1 Display Expansion slots PCI Express x1 slots PCI Express x16 slots PCI Express x16 slots Design Tower Product colour * Black, Silver Mouse included Power requirements Motherboard manufacturer External drive bays A x 5.25", 1 x 3.5" Radeon HD 5570 Mallo output channels AMD Radeon HD 5570 Radeon HD 5570 Radeon HD 5570 Packaging content X Power requirements Mouse included ✓ Content features Power requirements Motherboard family AmD Radeon HD 5570 Radeon HD 5570	board graphics)	2	Operating relative humidity (H-H)	10 - 75%
USB 2.0 ports quantity * 10	Maximum graphics card memory	1.024 GB	Storage relative humidity (H-H)	5 - 95%
Weight & dimensions HDMI ports quantity * 1 HDMI ports quantity * 2 PS/Z ports quantity	Ports & interfaces		Certificates	
HDMI ports quantity * 1 PS/2 ports quantity 2 eSATA ports quantity 1 Ethernet LAN (RJ-45) ports 1 Microphone in	USB 2.0 ports quantity *		Certification	EnergyStar, CE, ISO 9001, RoHS
PS/2 ports quantity eSATA ports quantity eSATA ports quantity 1 Ethernet LAN (RJ-45) ports Microphone in Weight* Weight* 445 mm Weight* 18 kg Merophone outputs 1 Mouse included Porting quantity 1 Intel® PS5 Express Audio output channels Porting and tity Packaging content Weight* Weight* Muse included V Packaging content Weight* Mouse included V Possiplay Expansion slots Display Other features Power requirements Motherboard manufacturer Asus External drive bays Ax 5.25", 1 x 3.5" Radeon HD 5570 Possiplay Possiplay Possiplay Intel® PS5 Express Audio output channels Possiplay Possiplay Possiplay Possiplay Internal drive bays Ax 5.25", 1 x 3.5" Radeon HD 5570			Weight & dimensions	
eSATA ports quantity Ethernet LAN (RJ-45) ports Microphone in Height * 445 mm Weight * 18 kg Microphone outputs I Packaging content Mouse included Mouse included Mouse included * ✓ DVI-I ports quantity I Display Expansion slots PCI Express x1 slots PCI Express x16 slots PCI Slots Besign Chassis type * Tower Product colour * Black, Silver Mouse included * X Other features Power requirements Motherboard manufacturer Asus External drive bays 4 x 3.5" Networking features Gigabit Ethernet (10/100/1000) Performance Motherboard chipset Audio output channels Audio output channels Audio output channels			Width *	200 mm
Ethernet LAN (RJ-45) ports 1 Weight * 445 mm Microphone in ✓ Headphone outputs 1 1 S/PDIF out port ✓ DVI-I ports quantity 1 1 Expansion slots 2 PCI Express x1 slots 2 PCI Express x16 slots 1 PCI slots 3 Design			Depth *	500 mm
Microphone in Headphone outputs S/PDIF out port DVI-I ports quantity Expansion slots PCI Express x1 slots PCI Express x1 slots PCI slots According to the port Design Chassis type * Tower Product colour * Black, Silver Motherboard chipset Addio output channels Audio output channels Meaging content Mouse included Mouse			3	
Mouse included Mous	Microphone in		Weight *	18 kg
DVI-I ports quantity Expansion slots PCI Express x1 slots PCI Express x1 slots PCI s	Headphone outputs	1	Packaging content	
Expansion slots PCI Express x1 slots PCI Express x16 slots PCI slots Power requirements Motherboard manufacturer External drive bays Fixed and the slots Product colour * Product colour * Product colour * Performance Motherboard chipset Audio system Audio output channels PSS Express Audio output channels PI slots Pi slots Power requirements Power	S/PDIF out port	✓	Mouse included	✓
PCI Express x1 slots PCI Express x16 slots PCI slots PCI slots PCI slots PCI slots POwer requirements PCI slots Power requirements Motherboard manufacturer External drive bays Fixed part of the slots Product colour * Product co	DVI-I ports quantity	1	Display	
PCI Express x16 slots PCI slots PCI slots PCI slots PCI slots Power requirements Motherboard manufacturer External drive bays Fixed and product colour * Product colour * Motherboard chipset Motherboard chipset Audio output channels Power requirements Notherboard manufacturer External drive bays Fixed and product pays Av 3.5" Networking features Gigabit Ethernet (10/100/1000) Graphics card family Graphics card family Graphics card Radeon HD 5570 Radeon HD 5570	Expansion slots		Display included *	x
PCI Express x16 slots PCI slots PCI slots PCI slots POwer requirements Motherboard manufacturer External drive bays Product colour * Product colour * Black, Silver Motherboard chipset Motherboard chipset Audio oystem Audio output channels Power requirements Notherboard manufacturer External drive bays Avx 5.25", 1 x 3.5" Internal drive bays Avx 5.25", 1 x 3.5" Networking features Gigabit Ethernet (10/100/1000) Radeon HD 5570 Radeon HD 5570	PCI Express x1 slots	2	Other features	
PCI slots Motherboard manufacturer Asus	PCI Express x16 slots	1		100 240 V 6 A 50 60 Hz
DesignExternal drive bays4 x 5.25", 1 x 3.5"Chassis type *TowerInternal drive bays4 x 3.5"Product colour *Black, SilverNetworking featuresGigabit Ethernet (10/100/1000)PerformanceMotherboard chipsetIntel® P55 ExpressAudio systemHD VIA VT1828SAudio output channels7.1 channels	PCI slots	3	•	
Product colour * Black, Silver Networking features Gigabit Ethernet (10/100/1000) Performance Graphics card family AMD Motherboard chipset Intel® P55 Express Audio system HD VIA VT1828S Audio output channels 7.1 channels	Design			
Performance Motherboard chipset Intel® P55 Express Audio system HD VIA VT1828S Audio output channels 7.1 channels Graphics card family AMD Radeon HD 5570 Radeon HD 5570	Chassis type *	Tower	Internal drive bays	
Motherboard chipset Intel® P55 Express Audio system HD VIA VT1828S Audio output channels 7.1 channels	Product colour *	Black, Silver		Gigabit Ethernet (10/100/1000)
Audio system HD VIA VT1828S Audio output channels 7.1 channels	Performance			
Audio output channels 7.1 channels	Motherboard chipset	Intel® P55 Express	Graphics card	Radeon HD 5570
	Audio system	HD VIA VT1828S		
Product type * Workstation	Audio output channels			
	Product type *	Workstation		



4039407015764

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.