



TERRA INDUSTRIAL PRODUCTS

- + SPECIAL SOLUTIONS
- + TERRA MOBILE 360-11
- + TERRA PAD 885/1085 INDUSTRY
- + TERRA MOBILE 1431S
- + TERRA MOBILE 1582
- + TERRA PC-MINI
- + TERRA PC-INDUSTRY 5000 V3



Dear Sir or Madam,

Germany still lags behind „Industry 4.0“, but momentum is slowly growing in the market. More and more projects from the industrial environment require powerful platforms based on micro-PCs, tablets and appliances as well as workstations.

However not every system is suitable for these requirements. With TERRA marathon and industry products, WORTMANN AG offers you suitable 24-7 solutions that are tailored directly to these requirements.



Individual solutions for
your success.

Sascha Gießler

In addition we can, individually configure systems for you as customer of WORTMANN AG, and develop and produce according to customer requirements.

For the area OEM and ODM customized solutions can be feasible, where CI, materials, hardware, software and deployment environment can be taken into account.

Together we create partnership
Solutions for your customers to accompany you
even more successfully into the „Industry 4.0“ era.

The actual flyer TERRA industrial products should assist you.

Best regards

A handwritten signature in black ink, appearing to be 'S. Gießler', written in a cursive style.

Sascha Gießler
Product Manager INDUSTRY products
WORTMANN AG

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TERRA INDUSTRIAL PRODUCTS - Overview



TERRA MOBILE
INDUSTRY 1582

TERRA MOBILE
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TERRA PAD 1090
INDUSTRY

TERRA MOBILE
360-11



TERRA PAD 885
INDUSTRY

TERRA PAD
INDUSTRY





PAD 1085
RY



TERRA PC-MINI



TERRA PC-
INDUSTRY
5000V3



TERRA
PC-MICRO
5000P



TERRA PC-
BUSINESS
Silent
„MARATHON“

TERRA MOBILE 360-11

Robust 11.6" convertible 2-in-1 notebook with 10-point multi-touch HD display protected against drop, water and dust according to IP5x.

» *Stylus included.*



SHOCK
RESISTANT



SPILL
RESISTANT



TOUCH
10 POINT



DURABLE
UP TO 9 h



USB
3.0

Flexible

The rugged 11.6" 2-in-1 convertible notebook can be used both as a laptop and pad by folding the display. Equipped with a powerful battery (5200mAh), you are up to 9 hours network independent.

Due to the robust construction, the TERRA MOBILE 360-11 is prepared for drops from up to 70 cm. Also, dust and spray water can not affect the fanless device.

Widely compatible

The generous accessory package includes a camera microscope, temperature sensor and stylus. Also, the pad is equipped with an integrated carrying handle. In addition to the built-in WiFi (802.11 ac) and Bluetooth, you can also connect the TERRA MOBILE 360-11 to your network using a standard LAN cable.


Windows 10 Pro


Arouse curiosity and enthusiasm

Show your commitment and help your students to discover their own potential!

The pre-loaded education software helps teachers to inspire their students for 21st century technology. It provides teachers with many new ways to design and productively direct their lessons.

TERRA MOBILE 360-11

FEATURES

Processor	Intel® Celeron® Prozessor N3010 (2M Cache, up to 2.24 GHz)
Display size	29.5 cm (11.6")
Resolution	1366 x 768
Operating system	Windows 10 and Windows 10 Pro
RAM / HDD	4 GB DDR RAM, 120 GB SSD
Graphics	Intel HD Graphics
Data Connection	WLAN 802.11 ac + Bluetooth
Interfaces	1x USB 3.0, 1x USB 2.0, cardreader, HDMI, LAN, headphone, microphone, Kensington Lock
Camera	HD camera
Battery life	Up to 9 hours TERRA Rundown test
Weight/Dimensions	1,56 kg, 307 x 26 x 206 mm
Item number	1220542 (Windows 10), 1220532 (Windows 10 Pro)

TERRA PAD 885/1085 INDUSTRY

Safety, robustness and unlimited mobility – all combined in a PAD!

+ ROBUST

+ FULL DOCKING STATION

+ FULL HD DISPLAY

+ UMTS

8,3
ZOLL



The TERRA PAD 885/1085 INDUSTRY, with its impact-resistant, water- and dust-proof (IP65) housing, is ideal for use in commercial, construction, military and other demanding environments. Without the use of an extra protective frame, the TERRA PAD 885/1085 INDUSTRY can withstand drops from a height of 1 m. With the optional protective cover even from a height of 1.8 m.

Screw points on the back allow the simple installation of additional hardware on the TERRA PAD 885/1085 INDUSTRY, or mounting the tablet on a rack or bracket (such as on a forklift). The charged battery lasts up to 10 hours (WiFi, video playback and mobile data network enabled) and supports a whole working day.

The battery compartment can be opened without accessories in order to replace a battery if necessary.

The capacitive touch screen with a resolution from 1920 x 1200 supports a multi-finger input as well as an input with gloves, passive thintip or active pens. The integrated NFC allows easy pairing, as well as the reading of RFID tags in e.g. smart cards for employee identification.

The TERRA PAD 885/1085 INDUSTRY also has an 8 megapixel camera on the back for high-resolution pictures and videos.

10,1
ZOLL



Accessoires (optional)

Dockingstation

Item No.: 1481125
Item No.: 1481142 (for PADs with protective case)

Protective case

Item No.: 1481133 (PAD 885)
Item No.: 1481179 (PAD 1085)

Mounting kit

Item No.: 1481144

USB and chargingbox including cigarette lighter spiral cable

Item No.: 1481145

Battery cover incl. holder for mounting kit

Item No.: 1481143 (PAD 885)
Item No.: 1481178 (PAD 1085)

Carrying strap module

Item No.: 1481134

Activ pen for TERRA PAD 1085

Item No.: 1481177

» Available in two color options:
black or white

TERRA PAD 885 INDUSTRY

MERKMALE

Prozessor	Intel® Atom™ Z3795 processor
Displaygröße	21,1 cm (8,3")
Auflösung	1920 x 1200 WUXGA
Betriebssystem	Windows 10 Pro 32-Bit
RAM/Festplatte	4 GB DDR3, 64 GB eMMC
Grafik	Intel® HD Graphics
Datenverbindung	WLAN 802.11 a/b/g/n, Bluetooth 4.0
Schnittstellen	USB 2.0, headphone jack, cardreader (microSD), docking port, NFC, TPM
Akkulaufzeit	10 hrs. with TERRA-Rundown-Test
Gewicht/Maße	550 g, 227,8 x 150,1 x 12,5 mm

OPTIONEN

Car Dockingstation	✓
UMTS/GPS Modul	Integrated
Aktiver Eingabestift	-
Artikelnummer	1220562

TERRA PAD 1085 INDUSTRY

Prozessor	Intel® Atom™ Z3745 processor
Displaygröße	25,6 cm (10,1")
Auflösung	1920 x 1200 WUXGA
Betriebssystem	Windows 10 Pro 32-Bit
RAM/Festplatte	2 GB DDR3, 64 GB eMMC
Grafik	Intel® HD Graphics
Datenverbindung	WLAN 802.11 a/b/g/n, Bluetooth 4.0
Schnittstellen	USB 2.0, headphone jack, cardreader (microSD), docking port, NFC, TPM
Akkulaufzeit	10 hrs. with TERRA-Rundown-Test
Gewicht/Maße	750 g, 269 x 180 x 12.5 mm

Car Dockingstation	✓
UMTS/GPS Modul	Integrated
Aktiver Eingabestift	✓
Artikelnummer	1220545

» A pad like a tool –
robust and versatile

TERRA PAD 1090 INDUSTRY – the elite among the rugged pads

Strong, powerful, versatile and different.
The full-ruggedized pad for every purpose.

10,1
ZOLL



SHOCK



DROP



FROST

The TERRA PAD 1090 INDUSTRY not only has robustness to military standards, but also impresses with its performance! An extensive range of options and accessories also makes it possible to customize and use the TERRA PAD 1090 INDUSTRY to meet your needs. The field of application is thus diverse in the segments of industry, craft, construction, agriculture, aviation and shipping, logistics and military.

Robust: The TERRA PAD 1090 INDUSTRY has a special plastic housing that provides IP65 dust and jet water protection and meets the stringent MIL-STD 810G standard. Even in varying ambient temperatures (-20 ° to + 50 ° C) when dropped from a height of up to 1.5 m, the TERRA PAD 1090 INDUSTRY remains operational.

Powerful: With an Intel Core i5 processor, 4 GB of RAM and a 128 GB SSD it can handle even the most demanding tasks without hassles. The touch screen is even operable with gloves, 10.1" multi-touch LED display with the WUXGA resolution 1920 x 1200 can be used in full sunlight thanks to its outstanding



**WUXGA
1920x
1200**



brightness of 1000 candelas per square meter. With the Gorilla Glass 3 it has the highest scratch and impact resistance.

Communicative: The TERRA PAD 1090 INDUSTRY has interfaces such as RS232 and USB. It can thus be connected to systems for control, diagnostics and maintenance. No matter if its wired via LAN or wirelessly via Bluetooth, WLAN and optionally via UMTS or LTE, the TERRA PAD 1090 INDUSTRY is connected to your network, the Internet or other devices. The integrated GNSS (GPS / GLONASS / BeiDou) also enables positioning, positioning and navigation.

Versatile: The special features are the TERRA PAD 1090 INDUSTRY in detail. An internal and a replaceable battery allow you to carry out a battery change during operation. This allows working without interruption. In addition, the optional 1D / 2D scanner offers the you possibility to read bar and QR codes.

TERRA PAD 1090 INDUSTRY

FEATURES

Processor	Intel® Core i5-4300U processor
Display size	25,6 cm (10,1"), multi touch, non glare
Resolution	1920 x 1200 WUXGA (16:10)
Operating system	Windows 7 Pro 64-Bit
RAM / HDD	4 GB DDR3, 128 GB mSATA SSD
Graphics	Intel® HD Graphics 4400
Data Connection	WLAN 802.11 a/b/g/n/ac + Bluetooth 4.0
Interfaces	USB 3.0, RJ45, RS232, audio (headphone & microphone), docking connector, micro HDMI, micro SD, micro SIM, DC-In
Camera	2 MP front, 5 MP back (Autofocus & LED flash)
Battery life	6 hrs. with TERRA-Rundown-Test
Weight/Dimensions	1.36 kg, 280 x 195 x 23 mm
Stylus pen	Included (digitizer)

OPTIONS

UMTS / LTE Modul	✓ / ✓
1D/2D Scanner	✓
Spare battery	✓ 9000 mAh (Hot-swappable)
Charging station	✓ (1481169)
VESA mount	✓ (1481170)
Dockingstation	✓ (1481165)
Vehicle dock.	✓ (Available in three versions)

TERRA MOBILE 1431S



**14
ZOLL**



Accessories (Optical)

TERRA MOBILE 1431
Optionale docking station
Item-No.: 1481104

TERRA MOBILE 1581
Optionales LTE-module
Item-No.: 1481127

TERRA MOBILE INDUSTRY 1431S



FEATURES

Processor	Intel® Core™ i5-6200U
Display size	35,6 cm (14")
Resolution	1366 x 768 (non glare)
Chipset	Intel® QM77
RAM	Max. 16 GB RAM DDR3
HDD	240 GB SSD
Optical drive	DVD±RW burner
Graphics	Intel® HD Graphics 4000
Interfaces	2x USB 2.0, 2x USB 3.0, VGA, HDMI , serial port, cardreader, docking port, Kensington Lock, PCMCIA Typ II (nur 32 Bit)
Weight/Dimensions	3.4 kg, 342 x 245 x 47 mm
Battery life	Up to 4 hrs. / 7 hrs. with TERRA Rundown-test

OPTIONS

UMTS Module	✓
Second battery	✓
Windows 10	✓
Item Number	1220589

Extremely robust 14" notebook with serial interface.

14" Semi-Ruggedized Notebook with Intel® Mobile Technology and Serial Interface.

The magnesium housing of the TERRA MOBILE INDUSTRY 1431 also offers a high level of functional reliability for more robust applications, such as those frequently encountered in technical outdoor areas such as measuring, controlling, regulating, programming via a serial interface. High-performance SSDs protect the notebook from data loss in the event of drops and shocks. The keyboard and touchpad are protected against liquids. It complies with the US military standard MIL STD 810G from fall, vibration and splash protection.

TERRA MOBILE 1582



**15,6
ZOLL**

Lighted keyboard



TERRA MOBILE INDUSTRY 1582

FEATURES

Processor	Intel® Core™ i5-5200U
Display size	39,6 cm (15,6")
Resolution	1920 x 1080 (non glare)
RAM	8 GB DDR3L SDRAM
HDD	240 GB SSD
Optical drive	DVD±RW burner
Graphics	Intel® HD Graphics 5500
Interfaces	2x USB 3.0, 2x USB 2.0, HDMI, VGA, 1x Mic in, 1x Line-Out, LAN, serial port, Kensington Lock
Weight / Dimen-	2.7 kg, 375 x 273 x 29.5 mm
Battery life	Up to 6 hrs. / 7 hrs. with TERRA-Rundown-test

OPTIONS

UMTS Module	✓ (LTE)
Second battery	
Windows 7	✓
Item Number	1220557

Extremely robust 15.6" notebook for the hardest demands!

15.6" Semi-Ruggedized Notebook with the latest Intel® Mobile technology of the 5th generation for the hardest use!

The magnesium housing of the TERRA MOBILE INDUSTRY 1582 also offers a high level of functional reliability for more robust applications, such as those frequently encountered in technical outdoor areas such as measuring, controlling, regulating, programming via a serial interface. High-performance SSDs protect the notebook from data loss in the event of drops and shocks. The keyboard and touchpad are protected against liquids.

It complies with the US military standard MIL STD 810G from fall, vibration and splash protection.



TERRA PC-MINI – compact solution for 24/7 operations

TERRA PC-MINI 5000 V3 and TERRA PC-MINI 6000 V3.

» *Small, quiet, powerful.*



TERRA PC-MINI in an awesome design.

With its low height of 43 mm and a volume of only 1.33 liters, the selection of Intel processors and numerous interfaces, this platform allows the use in special applications.

Available with processors up to the Core i7 range and combined with fast SSD storage, the third-generation TERRA PC-MINI is more powerful than ever.

As a compact business PC or with a Release for 24/7 continuous operation (with suitable hard disks / SSDs) as IPC solution, for digital Signage as well as POS applications, this PC is very versatile.

The system also supports dual monitor via HDMI and Display Port up to 4K Ultra HD Resolutions.

With the optionally available VESA mount The TERRA PC-MINI can also be attached directly to a suitable LCD display and it fits perfectly in environments with little space.



Accessories (optional)



VESA wall mount
Item-No.: 1407064



VESA bracket V1.1
Item-No.: 1407056



External power switch
Item-No.: 1407060



LCD multifunction foot holder
Item-No.: 1407059



19" slot for TERRA 5000P + PC Mini Series
Item-No.: 2070005



FEATURES

TERRA PC-MINI 5000 V3	
Processor	Intel® Core™ i3 processor
storage medium	1x mSATA, 1x 2.5" SSD 160 GB
WLAN	WLAN integrated
Dimensions	165 x 43 x 190 mm
Interfaces	4x USB 2.0, 2x USB 3.0, HDMI, displayport, 1x RS-232, 1x RS-232/ RS-422/ RS-485

OPTIONS

VESA	VESA mount for mounting on wall / table / monitor / TV
Power switch	external power switch (60 cm cable length)
Applications	<ul style="list-style-type: none"> • Office and Office applications • Digital Signage • Point of Sales (POS) • Point of Interest (POI) • Pharmacies, doctors, hotels, schools • POS systems
Item Number	1009605



FEATURES

TERRA PC-MINI 6000 V3	
Processor	Intel® Core™ i5 processor
storage medium	1x mSATA, 1x 2.5" SSD 240 GB
WLAN	WLAN integrated
Dimensions	165 x 43 x 190 mm
Interfaces	4x USB 2.0, 2x USB 3.0, HDMI, Displayport, 1x RS-232, 1x RS-232/ RS-422/ RS-485

OPTIONS

VESA	VESA mount for mounting on wall / table / monitor / TV
Power switch	external power switch (60 cm cable length)
Applications	<ul style="list-style-type: none"> • Office and Office applications • Digital Signage • Point of Sales (POS) • Point of Interest (POI) • Pharmacies, doctors, hotels, schools • POS systems
Item Number	1009545



MARATHON technology

*In different
case types.*



IT in continuous use

In a marathon you typically think about a long-distance or long-distance run with high requirements for the participants. This is also transferable to today's IT systems.

Regular hardware components such as motherboards, hard drives and power supplies for the usual office and ERP use are designed for a regular operation of about 60 hours per week and thus not suitable for 24/7 continuous operation.

Fields of application such as petrol stations, hotels, machine control or even digital signage, due to the often continuous periods of use, have an increased demand.



NON-STOP
24/7

More and more IT hardware is needed for continuous use

and this is precisely what we have defined for the TERRA BUSINESS PCs of the marathon technology platform.

Special hardware for special requirements

Do not settle with 24/7 standard requirements special requirements also require special hardware.

The **components** from the TERRA marathon technology platform help to minimize expensive downtime and also offer a high level of investment protection.

FEATURES

FEATURES	TERRA PC-BUSINESS Silent „MARATHON“
Processor	Intel® Pentium® (7th Generation) to Intel Core i7 (7th Generation)
Operating system	Windows 10
Motherboard format	Micro-ATX/ Fullsize-ATX/ Proprietary (Mini PC)
RAM	4 to 32 GB DDR3 / max. 16 GB (MiniPC)
Storage medium	2x 3.5" + 1x 2.5" SSD or 3x 2.5" SSD / 1x 2.5" SSD + 1x mSATA SSD (Mini PC)
Optical drive	5.25" format (only Midi-Tower + 19" Rack)
Cardreader	3.5" format / integrated (MiniPC)
Graphics	Integrated Intel HD Graphics
Interfaces (Front)	2x USB, Mic-in, Line-Out

MISCELLAN.

Standard	36-month warranty (Bring-in)
Warehouse system	Item-No.: 1009567 (Midi-Tower)

*Optimized for use in
industrial environments*

TERRA PC-INDUSTRY 5000 V3



The 19" system is optimized for industrial use. The system can be used as a rack or as a stand-alone unit, with an optional fine dust filter in a very short 4U housing.

This system is produced exclusively in the flexible TERRA B-t-0 production process. This gives you the opportunity to make individual changes to the configuration and to optimally adapt to your requirements.

FEATURES

TERRA PC-INDUSTRY 5000 V3

Processor	Intel® Core™ i3 6100 processor (3.7 GHz, 3M Cache)
Operating system	Windows 10
Motherboard	FTS D3346-S, industrial board, Made in Germany
RAM	4 GB DIMM 240-PIN, max. 32 GB
Storage medium	2x 3.5" + 6x 5.25" extern, 4x 3.5" HDD intern, expandable with Backplanes
Optical drive	5.25" format (only Midi-Tower + 19" Rack)
Interfaces	2x PS/2, 6x USB 2.0, 2x USB 3.0, 2x LAN (RJ-45), 1x DVI-I (analog/digital), 2x DP displayport 1.2, 3x audio I/O, 2x COM (serial RS-232)
Graphics	Intel HD Graphics 4400 Dynamic Video Memory Technology, supports triple monitoring
Dimensions	43 x 44,5 x 17,6 cm

MISCELLAN.

Via BTO-production Item-No.: 1000960 (19" rack/version)





Our minis an overview



Fanless



TERRA PC-MICRO 5000P

Fanless TERRA PC-MICRO with dual monitor support. Marathon Technology 24/7 ready

Don't be disturbed! This passively cooled, completely silent TERRA PC offers high performance in a sleek, compact aluminum body with a volume of just 0.6 liters. Equipped with an Intel Core i3 processor of the 5th generation, the PC is perfectly suited for use in noise-sensitive applications.

Applications:

- Office and Office applications
- Hotel and doctor reception, pharmacies, schools
- Digital Signage
Point of Sales (POS), Point of Interest (POI)



FEATURES

TERRA PC-MICRO 5000P

Processor	Intel® Core™ i3-5010U processor (3M Cache, 2.10 GHz)
Operating system	Windows 10 Pro
RAM	8 GB DDR3
Storage medium	250 GB SSD
Graphics	Intel® HD Graphics 5500
Interfaces	Front: 2x USB 3.0, 1x headset, back: 1x HDMI 1.4a, 1x Mini-DP, 1x LAN (RJ-45), 2x USB 3.0, 2x aerial terminal (RP-SMA), DC-in
Special features	VESA bracket (75/100), mounting kit in accessories
Item-No.	1009592

Includes: VESA Mounting Kit for mounting on a wall or table mount or behind an LCD.



TERRA PC-MICRO 6000 V3

TERRA PC MICRO timeless design.

The TERRA PC-Micro in a new design takes up very little space and scores with a powerful Intel Core i3 processor of the sixth generation, a fast SSD storage medium and a USB 3.1 port.

Flexible use:

- Point of Sales (POS), Point of Interest (POI)
- Office and Office applications
- Digital signage, pharmacies, doctors, hotels, schools

FEATURES	TERRA PC-MICRO 6000 V3
Processor	Intel® Core™ i5-7200U processor (3M Cache, 2.30 GHz)
Operating system	Windows 10 Pro
RAM	8 GB
Storage medium	240 GB SSD
Graphics	Intel® HD Graphics 620
Interfaces	Front: 1x mic / headphones, 2x USB 3.1 (1x Type-C) Rear: 2x USB 3.0, 1x LAN RJ-45, 1x Mini Display Port, 1x HDMI, DC-In, Kensington lock slot
Special features	VESA (100/100)
Item-No.	1009591



TERRA PC-NETTOP 3030

Passively cooled TERRA PC-Nettop in solid metal

Casing. The TERRA PC-NETTOP is ideal for use in the digital signage area and environments where passive cooling is required. It supports your workstation with the dual monitoring function and is designed for 24/7 continuous operation.

Flexible use:

- Point of Sales (POS), Point of Interest (POI)
- Office and Office applications
- Digital signage, pharmacies, doctors, hotels, schools

FEATURES	TERRA PC-NETTOP 3030 Fanless
Processor	Intel® Celeron J3355 processor (2.0 GHz, up to 2.5 GHz, 2M Cache)
Operating system	Windows 10 Pro
RAM	4 GB
Storage medium	150 GB SSD
Graphics	Intel® HD Graphics 500
Interfaces	Front: 2x USB 3.1 (Type A), 1x Mic-in, 1x Line-out, SD Cardreader Rear: 4x USB 2.0, 1x LAN RJ-45, 1x HDMI, 1x Display Port (DP), Kensington Lock
Special features	VESA (75/75 100/100)
Item-No.	1009594

PHOTO: Project Bittner GmbH, printing company in Bad Oeynhausen

In addition to the installation of the new lighting technology, the TERRA Elektro-Team also took over the distribution of the entire home electrical engineering as well as the cabling of the machines. This enabled the lights to be optimally aligned to the machines in order to create an ideal workplace environment.

BAB LIGHTING – industry and building technology

BAB LIGHTING is a reliable partner for lighting concepts and as a manufacturer of TERRA lighting. Here, the company has been able to establish itself in recent years and can now show a number of references. Meanwhile, the range of services has been expanded by the fields of electrical engineering and security technology.

The TERRA Elektro-Team is not only responsible for light assembly but also responsible for the installation of various systems in the field of electrical engineering. This includes the installation of electrical distribution boards, control technology, control cabinets and automation, as well as a comprehensive service for the maintenance and repair of electrical systems. Another part the task area is the relocation of Data networks and the installation of smart home

systems. In addition, industrial facilities and KNX systems are to be set up in the future as part of Industry 4.0.

In addition, the current topic was devoted to safety technology. The professional security team offers customized security systems with comprehensive advice and instruction of the equipment. This includes standard and VdS-compliant burglar alarm systems, various locking techniques, video surveillance and access control systems, as well as service and maintenance of the installations.

Further information at www.bab-lighting.de.

CASE
STUDY

Westfalia 
Logistics. Made in Germany



The Car Park Automation® business unit belongs to the Westfalia group as well as highly automated Warehousing and logistics systems.

PERFECT PARTNERSHIP OF EXPERIENCED PARTNERS FOR THE MOBILITY OF TOMORROW

The Car Park Automation® division organizes and manages the planning and implementation of fully automatic parking garages worldwide. The automatic parking and parking of vehicles with Westfalia technology combines maximum capacity with maximum comfort for the users and uncompromising safety for vehicle and people. In addition, the space saved for other projects such as sports fields and the like, be used.

The company from Borgholzhausen relies on an infrastructure with TERRA computer systems in both areas.

For example, 3 underground parking garages for the city of Copenhagen have already been fully equipped with TERRA systems, the intelligent storage and parking management software Savanna.NET® and the machinery and plant engineering division of Westfalia. The industrial-grade TERRA computers demonstrate their skills daily in these car parks and ensure that the technology is always ready for use in harsh environments.



Made in Germany: Westfalia offers planning and construction of a fully automatic deep-freeze warehouse from a single source.



Leifsgade, Copenhagen: In the largest Westfalia car park in Copenhagen (408 spaces) the driver parks his car like in a modern garage.



Westfalia Logistics Solutions GmbH & Co. KG based in Borgholzhausen has been manufacturing high-quality logisticsolutions for more than 45 years.

TERRA INDUSTRY ALL-IN-ONE PC

+ FOR POS, POI AND KIOSK APPLICATIONS

+ IP54 DUST AND SPLASH PROTECTION

+ 24/7 OPERATION



Whether in production lines or as a cash register solution, the TERRA INDUSTRY All-in-One PC is ideal for use wherever you need a robust TERRA ALL-IN-ONE device with 24/7 certification. Control the functions quite comfortably with your fingers, as you would with your Smartphone

or tablet PC or just completely conventional with an optional keyboard and mouse. With the optionally available VESA mount, the system can easily be attached to a wall.

FEATURES

TERRA INDUSTRY ALL-IN-ONE-PC

Processor	Intel® Celeron 38550U processor
Operating system	Windows 10 Pro
RAM	4 GB
Resolution	39.6 cm (15.9 ..) resistive touch screen 1366x768 resolution
Interfaces	HDMI, D-Sub / VGA, 2x USB 3.0, 4x USB 2.0, internal: 2x USB 2.0, microphone input, headphone output
LAN	Gigabit LAN, Wireless LAN 802.11ac, BT 4.0
Special features	Fanless heatpipe cooling system
Optional	4x RS232, 1x LPT, 1x RJ11
Item-No.	1008205



TERRA APPLIANCE 1000

Compact industrial case with RAID functionality.



With the TERRA Appliances you have the opportunity of using powerful hardware in environments with little space. The appliances are offered in different Performance levels. Beneficial is the Possibility of individual customization in terms of hardware and CI.

FEATURES	TERRA APPLIANCE 1000
Processor	Intel® Atom 525 Prozessor
RAM	4 GB
Storage medium	240 GB SSD
LAN	4x 10/100/1000
Item-No.	6460001

FEATURES	TERRA INDUSTRY APPLIANCE V1 Gehäuse
Storage medium	2x 3.5" HDD intern
Interfaces	1x USB 2.0 (optional)
Dimensions	W 420 x H 88 x D 220 mm 19 „mounting angle (2 pieces), black slot cover
Special features	19 „mounting angle (2 pieces), black slot bracket, angle brace, 4 solid rubber feet (to stick)
Item-No.	2059070

TERRA Built-to-order – Customize-to-order production (BTO - CTO)

We produce exactly what you need.



We have manufactured high-quality, customized PCs to customer requirements for more than 30 years. The TERRA BTO / CTO production process offers you a flexible and individual adaptation of almost all TERRA standard systems to your wishes and requirements.

TERRA systems are available with and without optical drives, with special built-in cards, the necessary processors, main memory, HDDs or SSDs as well as graphics cards or special motherboards. To optimize your processes, we also offer numerous options to configure your system, right from the factory to prepare it so that you have little effort when starting your system. Save time and money by using our TERRA BTO / CTO options.



Qualität ist unsere Stärke.
Made in Germany gemäß ISO 9001.



HDD / SSD Master production:

Reduce your own installation effort with the TERRA BTO / CTO master production. Especially for systems that cannot be automated by you, this option is useful for saving manual updates. When providing a master image, TERRA BTO / CTO Master Production gives you image-identical systems directly from the factory.



(By stocking system critical parts, Exclusively for the respective procedure, we can also offer revision-identical * devices over a longer period of time.)

DMI settings / Password:

In a TERRA series ** BTO / CTO production, administrative reworking can be avoided if the necessary settings in the BIOS / UEFI are made directly in production. Possible DMI entries would be e.g. Model name, manufacturer or serial number of the system. Please contact us if you have special BIOS / UEFI settings, as well as a single password for the BIOS / UEFI, if this is required.

MAC

MAC address:

As an option on a TERRA Series ** BTO manufacturing we offer, the MAC Address of the network adapter to read out and, where necessary, to place it as a sticker on the system. If required also with PC serial number in plain text and barcode and /

or with individual inventory number. Also available as an Excel spreadsheet with MAC addresses

including assignment to the serial numbers.



HDD / SSD BOOT partitioning:

Get your system directly with the BOOT partitioning of your HDD or SSD that you prefer.

We offer numerous options, such as a 20-80% BOOT partitioning or fixed-gigabyte partitioning, e.g. a 150 GB BOOT partition.

RAID

RAID creation:

With at least two mass storage media (HDD / SSD), you can receive the system directly with the installed RAID level directly via TERRA BTO production. By default, we'll create one RAID set per system: RAID 0 (striping), RAID 1 (mirroring), or a full RAID 5, 6, or 10. (Required number of HDD / SSDs and corresponding controller required).

Service and financing – everything at a glance

Something you can rely on!

Service directly from the manufacturer and its partners. With us, you talk to professionals who will help optimally, quickly and efficiently.

Extended service

In general, all services for TERRA products can be unbureaucratically extended to the maximum, as long as the device still has an active guarantee. You only need to specify the serial number and the desired service product, you receive your service extension within three working days.

Financing solutions

Leasing



Despite the fast pace of innovation, our leasing models keep you up to date with the latest technology.

Hire purchase



If you prefer to finance your equipment rather than buy it, you can use our hire purchase to make large investments in your payments over the life of the investment.

Rental



Reliability, performance and availability of your IT systems have the highest priority. The technical service during the product cycle represents a potential financial risk. Our lease agreements with integrated service or maintenance agreements provide you with the security of the agreed service at a cost that can be scheduled within the service level agreed with you.



Individual financing

Every project is different. That's why every financing solution has to be individually designed. We develop your optimal solution together with you. With our financing models, you can save your liquidity even in cost-intensive large-scale projects.

Awards and certifications



Blauer Engel (Blue Angel)

The first TERRA systems are registered with the RAL (RAL Deutsches Institut für Gütesicherung und Kennzeichnung) for the use of the well-known environmental certificate „Blue Angel“. Essentially, the aspects of energy efficiency, recyclability and environmental health and safety checks are examined here.



Medical PC-Systems

Suitable for use in the patient environment, these PCs meet the strict requirements of EMC according to DIN EN 60601-1-2. The power supply of these systems has been tested in accordance with the system standard DIN EN 60601-1-1, which among other things stipulates a leakage current of less than 0.5 mA. All PC systems continue to be individually tested in production in accordance with IEC 601-1. A maximum of security!



Energy Star

We offer PC systems, notebooks and LCDs that are Energy Star compliant. With TERRA PC systems, notebooks and LCDs you reduce the emission of greenhouse gases through lower power consumption and save additional energy costs.



TÜV/GS

TERRA systems are available with the GS certification of TÜV Rheinland. This ensures that the TERRA systems we produce meet the low-voltage guidelines and ergonomic requirements of TÜV Rheinland.

Questions? Contact us.
We will be glad to help you.



Katharina Jas
Marketing

SERVICE

TERRA PC-Systems, TERRA Firewalls TERRA ThinClients

Standard: Model-dependent 24 or 36 months bring-in service. Special models can differ.

Warranty extension: Maximum 60 months for all PC models.

TERRA Pickupservice: Free pick up and new delivery, in case of defects for 12 months at a time.

Conditions: Bring-in service at least the same duration.

TERRA ON-SITE SERVICE: Bookable for 12 months at a time, maximal 60 months for all models.

Conditions: Guarantee at least equal duration. For all models except MPG systems. 24 hours reaction time in the D / A / CH regions and in BeNeLux

Express production 24 hours: Production of BTO systems no later than 24 hours after receipt of order.

Tips and information: For projects and large volumes, we offer special conditions, several times a year, there are special promotions.

Order the TERRA express production service by phone if necessary to clarify any queries immediately.

TERRA Notebooks and PADs

Standard: 24 months warranty incl. Pickup service. Special models may differ.

Warranty extension: Extended warranty and pickup service for 12 months each. Maximum 60 months possible.

Express production 24 hours: Production of BTO notebooks at the latest 24 hours after receipt of order.

Express Repair Service: The repair time at the WORTMANN AG factory is a maximum of 48 hours. If this value is exceeded, you will receive an at least equivalent device for the repair period. The express repair service is valid for 24 or a maximum of 36 months, depending on the warranty period of the device.



Reasons to choose WORTMANN AG:

**TOP
TEN**

- 1. Experience:** Over 30 years success in Production and Distribution.
- 2. Capital Strength:** Solid Self-Financing, Flexible Terms, Credit Limits and further forms of Financing.
- 3. Responsibility:** Over 500 employees in Germany with approx, 20% as apprentices.
- 4. Products:** TERRA Notebooks, Tablets, PCs, Servers, LCDs, Cloud and more high quality Peripherals & Component Brands.
- 5. Quality:** Production in Germany in line with ISO 9001:2008.
- 6. Flexibility:** Build-to-Order / Service-to-Order.
- 7. Service:** In-house Service Center and Pan-European Service Partner Network.
- 8. Speed:** Express Production, Shipments until 19.00 CET and uncomplicated Processing.
- 9. Sales Channel:** Indirect via Specialist Dealers and Computer Retailers.
- 10. Expertise:** Consultancy, Concept Development, Tender Support and Project Realisation

