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technical problems_En cas de question ou de problème
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WORTMANN AG
IT. MADE IN GERMANY.

Stand 01/2017



HANDBUCH
TERRA MOBILE 1514
USER MANUAL
TERRA MOBILE 1514

WORTMANN AG
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DE

EN

Vorwort

Wir gratulieren Ihnen recht herzlich zum Kauf Ihres TERRA MOBILEs und hoffen, dass es die von Ihnen gesetzten Erwartungen erfüllt. Dieses Handbuch soll Ihnen einen Überblick über den Aufbau und die Funktionen Ihres Gerätes geben. Text- und Grafikeil dieses Benutzerhandbuchs wurden mit besonderer Sorgfalt bearbeitet. Für möglicherweise trotzdem vorhandene Fehler und deren Auswirkungen kann jedoch keine Haftung übernommen werden. Hinweise bezüglich der Gestaltung und eventuell vorhandener Fehler teilen Sie bitte Ihrem Fachhändler mit. Gerne werden wir sinnvolle Anregungen und Verbesserungen aufgreifen und umsetzen. Alle Rechte vorbehalten. Kein Teil dieses Handbuches darf in irgendeiner Form (Druck, Fotokopie, Mikrofilm oder andere Verfahren) ohne vorherige schriftliche Genehmigung der Firma WORTMANN AG reproduziert oder unter Verwendung elektronischer Systeme verarbeitet, vervielfältigt oder verbreitet werden. Die genannten Firmen- und Markennamen sowie Produktbezeichnungen unterliegen in der Regel marken-, patent- oder warenzeichenrechtlichem Schutz.

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Sicherheitshinweise

Diese Sicherheitshinweise sollen Sie vor möglichen Gefahren wie Feuer, elektrischen Schocks oder Verletzungen schützen.

Bitte beachten Sie die Hinweise, bevor Sie Ihr TERRA MOBILE 1514 in Betrieb nehmen. Weiter hinten im Handbuch finden Sie eine ausführliche Betriebsanleitung. Lesen Sie auch diese sorgfältig durch.

- Halten Sie das Gerät von Hitze, Feuchtigkeit und Staub fern.
- Lassen Sie das Gerät nicht fallen und schlagen Sie es nirgendwo gegen.
- Gießen Sie keine Flüssigkeiten auf das Gerät, da diese das Gerät beschädigen oder in Brand setzen könnten.
- Keine für die Lüftung bestimmten Öffnungen blockieren, da das Gerät sonst überhitzen kann.
- Wenn Sie beabsichtigen, das Gerät für einen längeren Zeitraum nicht zu nutzen, ziehen Sie bitte den Netzstecker.
- Vermeiden Sie Interferenzen und halten Sie Ihr Gerät fern von Hochspannungstransformatoren, elektrischen Motoren oder anderen starken Magnetfeldern.

Wir empfehlen, das Gerät nur durch autorisiertes Fachpersonal öffnen zu lassen.

Inbetriebnahme des MOBILEs

Öffnen der Verpackung und Überprüfung des Verpackungsinhaltes:

Wenn Sie die Verpackung öffnen, überprüfen Sie bitte das Gerät und die Vollständigkeit des Verpackungsinhaltes. Sollte das Gerät beschädigt sein oder Teile des Lieferumfangs fehlen, kontaktieren Sie umgehend Ihren Händler.

Lieferumfang:

TERRA MOBILE MOBILE 1514
Netzteil
Benutzerhandbuch

Gerät in Betrieb nehmen

Stellen Sie das Gerät auf einen stabilen Untergrund und schließen Sie das Netzteil an.

- Ihr Notebook wird mit einem Universal-Netzadapter für Wechselstrom ausgeliefert, welcher sich automatisch auf die angebotene Stromquelle einstellt. Unterstützt werden die folgenden Werte: AC 100 - 240V~/ 50-60 Hz.
- Benutzen Sie nur das mitgelieferte Netzteil (45 Watt, 19 V, 2.37 A), andere Netzteile können Ihr Notebook beschädigen.
- Laden Sie den Akku für etwa 5 Stunden, wenn sie das Notebook das erste Mal nutzen oder der Akku vollständig entladen war.

Das Gerät einschalten

Beim ersten Einschalten des Gerätes wird das Betriebssystem konfiguriert. Dieser Prozess kann etwas Zeit in Anspruch nehmen. Bitte unterbrechen Sie den Vorgang nicht.

Das Gerät ausschalten

Es gibt verschiedene Optionen, die Arbeit mit dem Gerät zu beenden.

Das Gerät herunterfahren

Das Gerät fahren Sie mit dem Softwaredialog Ihres Betriebssystems über den Punkt „Herunterfahren“ herunter. Dies schaltet das Notebook aus.

Das Gerät in den Sleep mode versetzen

Indem Sie das Gerät zusammen klappen oder auf den Powerknopf drücken, versetzen Sie das Gerät in den Sleepmodus. Das ist ein Standbymodus aus dem Sie Ihr Notebook durch den Druck auf den Powerknopf wieder aufwecken können.

Diese Einstellungen sind standardmäßig gesetzt. Sie können das Ausschalt- und Energiesparverhalten des Notebooks über die „Systemsteuerung-> Energieoptionen“ beeinflussen.

Produktübersicht

Vorderansicht



Nr.	Bezeichnung
1	Frontkamera
2	Kamera LED
3	Integriertes Mikrofon
4	Display
5	Ein-/Ausschalter
6	Betriebsanzeige LED Weiß: Gerät in Betrieb Weiß blinkend: Standby Orange blinkend: Akku leer (<6 %) Orange: Akku wird geladen
7	Lüftungsöffnungen
8	Tastatur
9	Touch-/ Klickpad

Anschlüsse



Nr.	Bezeichnung	Nr.	Bezeichnung
1	Festplatteneinschub	2	Netzteil Buchse
		3	USB 3.0 Anschluss
		4	HDMI Anschluss
		5	USB Anschluss
		6	Cardreader
		7	Kopfhörer/Mikrofon Kombianschluss

Unterseite



Nr.	Bezeichnung
1	Zusatz RAM Fach (geöffnet und mit RAM Modul dargestellt, das dargestellte RAM Modul dient nur der besseren Veranschaulichung und ist nicht im Lieferumfang enthalten)
2	Stereo Lautsprecher
3	Festplatteneinschub 2,5"
4	Lüftungsöffnungen

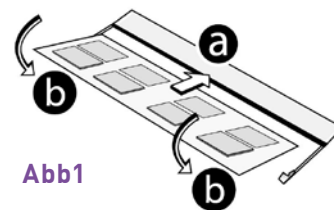


Abb1

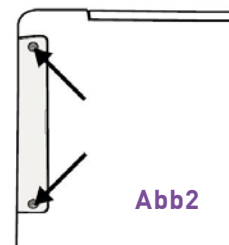


Abb2

Die Wortmann AG haftet nicht für unsachgemäße Handhabung und daraus resultierende Beschädigungen des Gerätes. Es kann keine Haftung übernommen werden für falsch installierte oder nicht mit dem Gerät kompatible Hardware. Für notwendige Einstellungen an BIOS und Betriebssystem zum fehlerfreien Betrieb der neu installierten Hardware ist der Verwender selbst zuständig.

Das Notebook aufrüsten

Das Notebook besitzt einen Festplatteneinschub und ein separates Arbeitsspeicher-Fach, was Ihnen ermöglicht Ihr Notebook mit geringem Aufwand aufzurüsten, ohne das komplette Gehäuse zu öffnen.

Zum Aufrüsten schalten Sie bitte Ihr Gerät aus und trennen es vom Stromnetz.

RAM (1x DDR3L 1600MHz, maximal 8GB):

Lösen Sie die beiden Schrauben am Deckel des RAM-Fachs. dann können Sie den Deckel vom RAM-Fach abnehmen.

Setzen Sie das RAM Modul wie auf der Abbildung 1 in seinen Sockel (a) und drücken Sie es anschließend sanft herunter (b), bis es in die seitlichen Halter einrastet.

Festplatte: (2,5" Festplatten mit einer Bauhöhe von 7 mm)

Entfernen Sie die beiden gekennzeichneten Schrauben (Abbildung 2) an der Unterseite des Notebooks und ziehen Sie die Festplattenhalterung aus dem Schacht.

Schieben Sie eine Festplatte in die Festplattenhalterung und fixieren Sie die Festplatte mit den entsprechenden Schrauben im Festplattenschacht.

Schieben Sie die Festplattenhalterung in den Schacht und setzen Sie die Schrauben an der Unterseite des Notebooks wieder ein.

Tastatur

Die Tastatur hat eine eingebettete Nummerntastatur für einfache Zahleneingabe. Durch Drücken auf Fn + Num wird die Nummerntastatur ein- und ausgeschaltet. Zusätzlich gibt es Funktionstasten, über die Sie direkt zwischen den Funktionen umschalten können.

Funktionstasten

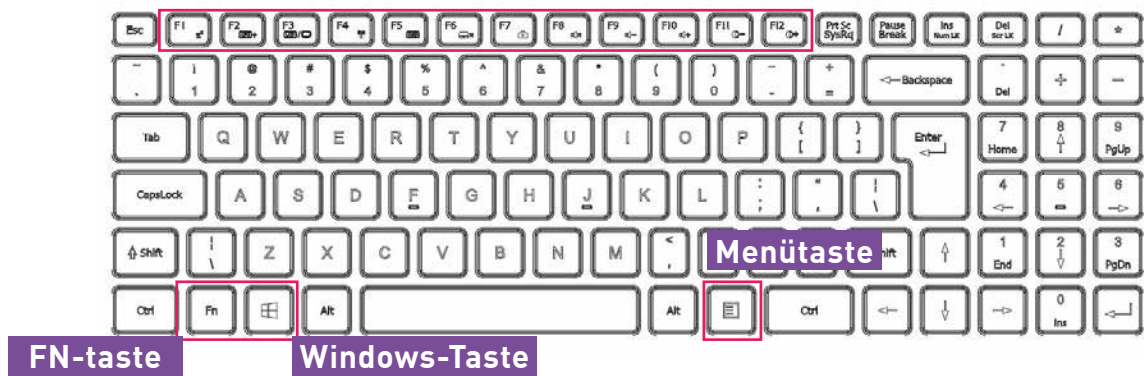


Abbildung ähnlich

Tastenkombinationen

Tasten-kom-bination	Funktion	Tasten-kombination	Funktion
Fn+F2	Sleepmode Versetzt das Gerät in den Sleepmodus.	Fn+F6	Mute Schaltet die Lautsprecher ein oder aus.
Fn+F3	Display dunkler Verringert die Displayhelligkeit.	Fn+F7	Leiser Verringert die Lautstärke der Tonwiedergabe.
Fn+F4	Display heller Erhöht die Displayhelligkeit.	Fn+ F8	Lauter Erhöht die Lautstärke der Tonwiedergabe.
Fn+F5	Anzeige Schaltet die Bildschirmanzeige zwischen LCD, externem Display und gleichzeitiger Anzeige um.	Fn+ F9	Touchpad Schaltet das Touchpad an und aus.



Versuchen Sie niemals, das Display mit Gewalt zu öffnen. Bei Nichtbeachtung könnte es beschädigt werden.

Display

Öffnen und Schließen des Displays

Das Display wird durch die spezielle Konstruktion der Displayscharniere verschlossen, sodass eine zusätzliche Verriegelung nicht erforderlich ist. Zum Öffnen klappen Sie das Display mit Daumen und Zeigefinger bis zur gewünschten Position auf.

- Halten Sie das Display beim Aufklappen, Positionieren und Schließen immer mittig fest.
- Klappen Sie das Display nicht um mehr als 130° auf.

Anschluss eines externen Monitors

Das Notebook verfügt über einen HDMI-Anschluss für einen externen Monitor.

- Fahren Sie Ihr Notebook ordnungsgemäß herunter.
- Schließen Sie das Signalkabel des externen Monitors (nicht im Lieferumfang enthalten) an den HDMI-Anschluss des Notebooks an.
- Verbinden Sie den externen Monitor mit dem Stromnetz, und schalten Sie ihn ein.
- Schalten Sie nun Ihr Notebook ein.

Hinweise zum Display:

- Stellen Sie keine schweren Gegenstände auf das Gerät.
- Kratzen Sie nicht über das Display, setzen Sie es keinen Schlägen aus und verwinden/verdrehen es nicht.
- Benutzen Sie das Gerät nicht in Umgebungen mit über 35 Grad °C oder einer Luftfeuchtigkeit von mehr als 80%.
- Setzen Sie ihr Display keiner starken Sonneneinstrahlung oder Helligkeit aus.
- Legen Sie keine Dinge auf dem Display ab, welche es zerkratzen könnten oder die Oberfläche beschädigen können.
- Benutzen sie keine scharfen oder ätzenden Reinigungsmittel zum Säubern des Displays, da dies die Oberfläche angreifen und das Display beschädigen kann.
- Sollten Sie mit viel Gepäck reisen, achten Sie auf eine separate Unterbringung Ihres Geräts, damit keine anderen Gegenstände Druck auf das Display oder Gehäuse Ihres Geräts ausüben können.

Akkubetrieb

Die Lebensdauer und Leistungsfähigkeit Ihres Akkus ist abhängig von einer sorgfältigen Handhabung. Der Akku sollte vor einem Ladevorgang immer vollständig entladen und wieder komplett geladen werden, um die Lebensdauer und die Leistungsfähigkeit zu optimieren. Beachten Sie auch unbedingt die Sicherheitshinweise.

Aufladen des Akkus

Der Akku wird über den Netzadapter aufgeladen. Wenn der Netzadapter angeschlossen (und eingeschaltet ist), lädt sich der Akku automatisch auf, unabhängig davon, ob das Notebook eingeschaltet ist oder nicht. Eine vollständige Aufladung benötigt bei abgeschaltetem Notebook einige Stunden. Wenn das Notebook eingeschaltet ist, dauert der Ladevorgang deutlich länger.

Entladen des Akkus

Betreiben Sie das Notebook über den Akku, bis es sich aufgrund der niedrigen Akkuladung von allein ausschaltet.



**Das Gerät darf nur von
autorisiertem Fach-
personal ihres TERRA
Fachhändlers geöffnet
werden, da sonst die
Garantie erlischt.**

Akkuleistung

Die jeweilige Betriebsdauer variiert je nach Einstellung der Stromsparfunktionen. Ihr Notebook erfordert einen höheren Leistungsanspruch bei der Ausführung bestimmter Anwendungen, wie z. B. das Abspielen einer DVD.

Energieverwaltung

Ihr Notebook bietet automatische und modifizierbare Stromspar- und Energiefunktionen, die Sie zur Maximierung der Akkunutzungsdauer und Reduzierung der gesamten Betriebskosten verwenden können.

Energiespartipps

- Über die Einstellungen in den Energieoptionen können Sie die Energieverwaltung Ihres Computers optimieren.
- Soll der Computer über einen längeren Zeitraum nicht verwendet werden, trennen Sie in jedem Fall die Stromzufuhr, damit keine Energie verbraucht wird. Ziehen Sie dazu den Netzstecker.
- Dank der Energieverwaltungsfunktion kann das Gerät, wenn es für eine gewisse Zeit nicht benutzt wurde, in den Energiespar- bzw. Ruhemodus wechseln. Bitte passen Sie diese Funktion in der Systemsteuerung Ihren Bedürfnissen an.

Hinweise zum Akku

- Beim Laden können Akku und Netzteil Wärme entwickeln. Legen Sie daher keine Gegenstände oder Kleidungsstücke auf Notebook und Netzteil.
- Das unsachgemäße Ersetzen des Akkus kann zu Explosionsgefahr führen. Lassen Sie den Akku daher nur bei Ihrem autorisierten Fachhändler tauschen und achten Sie darauf, dass der Akku vom richtigen Typ ist.
- Entsorgung des Akkus nach den jeweiligen gültigen Bestimmungen Ihres Landes.

Hinweise zur Stromversorgung

- Schließen Sie Ihr Gerät nur an ein störungsfreies, stabiles Stromnetz an.
- Wenn Sie nicht sicher sind, ob das lokale Stromnetz den Anforderungen des Gerätes entspricht, informieren Sie sich bei Ihrem Stromversorger.
- Wenn Sie das Gerät vom Strom trennen, ziehen Sie immer am Stecker und nicht direkt am Kabel. Trennen Sie nicht das Netzteil von der Steckdose, sondern das Netzteil vom Gerät.
- Bitte verwenden Sie nur das mitgelieferte Netzteil oder zugelassene Ersatznetzteile 45 Watt, 19 V, 2.37 A. Andere Netzteile können Ihr Gerät beschädigen.

Arbeitsumgebung

Bitte betreiben Sie Ihr Notebook nur in Umgebungen mit folgenden Voraussetzungen:

Temperatur bei Lagerung und Transport:	-20 °C bis +50 °C
Relative Luftfeuchtigkeit bei Lagerung und Transport :	10% bis 90% (40 °C)
Atmosphärendruck:	86 kPa bis 106 kPa
Anpassungsfähigkeit an das Stromnetz:	100V - 240V, 50Hz ± 1Hz
Luftfeuchtigkeit bei Betrieb:	20 bis 80%
Temperatur bei Betrieb des Notebooks:	5 bis 40 °C

- Um Ihr Gerät davor zu bewahren durch Umwelteinflüsse beschädigt zu werden, vermeiden Sie den Kontakt mit Feuchtigkeit, Staub, Nahrungsmittel, Flüssigkeiten und direkte Sonneneinstrahlung.
- Betreiben Sie Ihr Notebook stets in gut belüfteten Umgebungen.
- Um Ihr Gerät vor Störungen durch Magnetfelder zu schützen, halten Sie es fern von elektrischen Geräten wie Mikrowellen oder TV Geräten.

- Wenn Sie das Gerät an Bord eines Flugzeuges betreiben möchten, fragen Sie das Airline Personal, ob und unter welchen Voraussetzungen dies gestattet ist. Die meisten Airlines erlauben das Betreiben elektrischer Geräte nur während der Flugphase, nicht jedoch während Start und Landung.

Peripherie und Software

Sie können Ihr Notebook mit einer Vielzahl von handelsüblichen Peripheriegeräten verwenden, wie etwa Maus, Tastatur etc. Die WORTMANN AG kann jedoch keine Garantien für Kompatibilitäten mit Geräten anderer Hersteller geben.

Die auf dem Gerät aufgespielte Software ist mit dem Gerät kompatibel und ordnungsgemäß zertifiziert. Sollten Sie Software installieren, vergewissern Sie sich, dass die Hardware- und Betriebssystemvoraussetzungen stimmen und die Software ordnungsgemäß zertifiziert ist.

Beschädigungen, die durch fremde Hard- oder Software zustande kommen, sind von der Garantie ausgeschlossen.

Technische Spezifikationen

System	Windows 10
CPU	Intel Core i3-6006U
RAM	4GB DDR3L
Speicher	128 GB eMMC Flash Memory
Display	15.6" Full HD AHVA (1920x1080)
Grafik	Intel HD Graphics
Card Reader	SD/SDHC/SDXC
Wireless Network	802.11 b/g/n
Bluetooth	4.0
Stromversorgung	19 V, 2.37 A, 45 W
Akku	7.4 V, 4800 mAh, 35 Wh
Abmessungen	382x251x22 mm
Gewicht	1.8 kg

Die Technischen Spezifikationen können sich ohne weitere Information jederzeit ändern.

Preface

We thank you for purchasing this TERRA computer system and hope that the product meets with your expectations.

This manual is an overview of the installation and functions of the computer. However we assume no liability for any mistakes and their consequences. Please share your thoughts regarding the design and any existing misprint with your specialized dealer. We would like to hear of any suggestions and improvements.

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Introduction

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Only authorised professional TERRA dealers may open or repair your TERRA device.

Safety instructions

For your safety and the effective use of the notebook, you should read the basic safety precautions carefully.

- Keep the computer away from heat, cold, moisture and dust.
- Don't spill any liquid onto the mobile PC which may damage it or cause a fire.
- Don't use liquid or chemical cleaner to clean the display.
- Don't insert any object into the computer's air vents or other slots.
- Don't place heavy objects on the notebook.
- Don't disassemble the device, let a qualified professional do the servicing to stay safe.
- The notebook is installed with Windows 10. If you have any questions about the Windows 10 operating system and applications, please refer to the , Microsoft release of Windows 10 user guide.

Getting started

Unpacking and inspection

Please remove the packaging carefully and take out the notebook and other accessories. If there are any missing items please contact your retailer immediately.

The package contains the following parts and components:

Included in the box:

TERRA MOBILE 1514

Power adapter

User manual

First-time operation

Place the device on a flat and safe surface and connect your notebook with the power adapter.

- Please only use the power adapter which comes with your notebook (45 Watt, 19 V, 2.37 A).
Other Power adapters may damage your device. Your notebook comes with a universal AC power supply for alternating current which automatically adapts to the available power source. The following values are supported:
AC 100–240 V~/50 – 60 Hz.
- To prolong battery life, fully charge the battery for up to 5 hours, when using the notebook for the first time and whenever the battery power has been fully depleted.

Start your device by pressing the power button. The device will start the configuration of the operating system. This may take some time. Please dont interrupt this process.

Shutting down the notebook

When you finish your work, you can shut the computer down or let the computer enter sleep mode.

Mode of stopping	method	restarting
Shut down	Please follow the program instructions for shutting down the operating system. By using the shut down option provided by your operating system, you can avoid data loss or system damage. If the system is halted due to the problems on hardware or software, you can use the power button to shut off the computer.	press the power button
Sleeping mode	According to your setup of Windows, the system will enter the sleeping status according to following action: Close the notebook or press the power button.	press the power button

Introduction to parts and components

Front



No.	Description
1	Webcam
2	Camera LED
3	Built-in microphone
4	Display
5	Power
6	Power & Battery indicator Power On: White Suspend: Blinking White Charging: Orange Blinking Orange: Battery low (<6 %)
7	Air vents
8	Keyboard
9	Touchpad

Ports



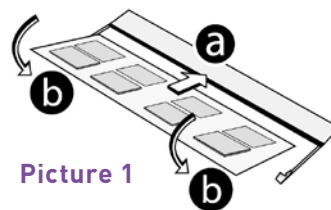
No.	Description
1	HDD Module

No.	Description
2	Power connector
3	USB 3.0 port
4	HDMI port
5	USB ports
6	Cardreader
7	Headphone & microphone combi jack

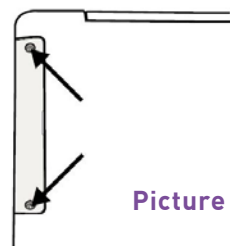
Bottom view



No.	Description
1	RAM compartment (shown open and with additional RAM module. RAM Module does not belong to delivery scope. It is only displayed for a better understandig)
2	Stereo Speaker
3	HDD Slot 2,5"
4	Air Vents



Picture 1



Picture 2

The Wortmann AG is not liable for improper use and any resulting damage to the device. No liability can be assumed for improperly installed or not to the device compatible hardware. It is up to the user to change necessary settings in BIOS and operating system to ensure the correct operation of the newly installed hardware.

Upgrade your Notebook

Your Notebook owns a separate HDD-Slot and a RAM compartement for upgrading your device with another HDD and RAM Module.

This enables you to upgrade your notebook without opening the case.

Before you upgrade your device, please turn it off and seperate the power cord from the notebook.

RAM (1x DDR3L 1600MHz, max. 8 GB):

Unscrew the 2 screws holding the cover of the RAM compartement.

Remove the cover. Insert the RAM Module as shown in picture 1. Set it in the socket (a) and afterwards push it down gently (b), until it clicks into place.

Festplatte: (2,5" HDD, 7 mm)

Unscrew the 2 screws at the bottom of the notebook located at the HDD Slot.

Pull the HDD holder out of the Slot. Insert a HDD into the HDD holder and fix it with the appopriate screws. Insert the HDD holder back into the slot and fix it with the 2 screws you removed earlier.

Keyboard shortcuts

The keyboard has a numeric keypad for easy numeric data input. Pressing Fn + Num Lk turns on/off the numeric keypad.
It also features function keys to allow you to change operational features instantly.



example picture

Shortcuts & Function Keys

Shortcut	Function	Shortcut	Function
Fn+F2	Sleepmode	Fn+F6	Mute Switches the sound on or off.
Fn+F3	Brightness down Reduces the brightness of the display.	Fn+ F7	Volume down Decreases the playback volume.
Fn+F4	Brightness up Increases the brightness of the display.	Fn+ F8	Volume up Increases the playback volume.
Fn+F5	Display Switches the screen display between LCD, external display and duplicate display.	Fn+ F9	Touchpad Switches the touchpad on and off.

Further instructions

Your notebook is a high-tech and precision product. Please read the following usage instructions.

Maintenance of LCD:

- Do not place any heavy items on the notebook.
- When using suitcase or backpack, please make sure that there aren't too many things inside and no additional pressure is put on the notebook and the back of the LCD.
- Please do not scratch, twist or strike the display.
- Do not place the LCD screen in an environment where the temperature exceeds 40° Celsius or the humidity exceeds 90%.
- Do not expose the LCD screen to direct sunlight or strong fluorescence light.
- Do not place anything on the keyboard such as pencils, documents and so on, which will damage or scratch LCD screen.
- Please do not use corrosive detergents to wipe LCD screen, which will damage the screen.

Device/ HDD/SSD:

- Please do not open the notebook shell when the system is running because this will lead to data loss or destruction. The formatting of HD can delete all the data in HD.
- Please back up the data in advance. Please make sure that important data is regularly backed up on other storage mediums. Wortmann AG does not assume any responsibility for data losses.

Safe use of electricity

- The power supply should be stable and free from interference. When you are not clear about the local specifications of your electricity network, please consult your distributors or your local power company.
- When unplugging the power adapter, you should avoid pulling the wire.
- Please be sure to pull from the plug socket to guarantee safety.
- Please do not dismantle the power adaptor.
- Please do not use power adapters with different specifications to the one supplied with the device because this will damage the notebook.

Removal, transportation and storage

- [Warning] After the device has been stored and transported at temperatures of less than 10°C, the device should be placed for about 2 hours at room temperature between 10°C - 35°C before being used. In order to prevent the notebook temperature from getting excessively low, which thus give rise to electrified damages. Please do not disassemble the package during this period. Let the device resume its temperature naturally and avoid the temperature increasing excessively quickly, which thus leads to electrified damages.
- When you transport the mobile device, special care should be taken. The notebook should be placed in the original packaging box during the transport. You should pile and place the packaging box according to the symbols and indication of packing & transportation diagram. You should also use closed cases in case of removal.
- [Note] The packing materials should be placed beyond children's reach in order to prevent the children from unsafe conditions.

Battery

[Note] Replacing the Polymer battery of notebook incorrectly may give rise to explosion risks. Please make sure that the replacement and installation of the Polymer battery is performed by professional maintenance staff. Only battery products of same or equivalent types recommended by manufacturers can be used for replacement. The improper discarding of the battery will lead to serious environmental pollution. Please dispose of the consumed battery in a proper way or return the used battery to the manufacturer to avoid environmental pollution.

Travelling

Please ask the airline personnel if you want to use your device onboard an aircraft. Most airlines have restrictions for the use of electronic devices. Most airlines allow electronic use only between and not during takeoffs and landings.

Working environment

In order to prevent accidental failure, the notebook should run within the following defined environmental scope:

Temperature of storage and transportation	-20 °C to +50 °C
Relative humidity of storage and transportation	10% to 90% (40 °C)
Atmospheric pressure	86 kPa to 106 kPa
Adaptation capability of power	100V - 240V, 50Hz ± 1Hz
Working humidity	20 to 80%
Working temperature	10 to 35 °C

- In order to prevent the mobile PC from being harmed by the environment (dampness, dust, smoke, food, liquid, direct exposure to sunlight etc), the device should be placed in a dry place with good ventilation.
- In order to prevent the notebook from being disturbed and damaged by the magnetic field, please keep it away from other household electric appliances (such as Television set, air conditioner etc).

Peripherals and Software

- This notebook supports many peripherals and hardware, such as mice and keyboards. WORTMANN AG cannot guarantee the compability of peripherals & hardware from other manufacturers.
- The software pre-installed on the notebook is free of charge for users (software can be installed as a test version. The test period is free of charge, after the test period the user has to buy an official licence). We can guarantee the functionality and compatibility of this software.
If you plan to install additional software please make sure it is officialy certified and compatible with your notebook's hardware.
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Product Specifications

System	Windows 10
CPU	Intel Core i3-6006U
RAM	4GB DDR3L
Speicher	128 GB eMMC Flash Memory
Display	15.6" Full HD AHVA (1920x1080)
Grafik	Intel HD Graphics
Card Reader	SD/SDHC/SDXC
Wireless Network	802.11 b/g/n
Bluetooth	4.0
Stromversorgung	19 V, 2.37 A, 45 W
Akku	7.4 V, 4800 mAh, 35 Wh
Abmessungen	382x251x22 mm
Gewicht	1.8 kg

Note: As the specifications and configuration of the computer are being updated quickly, there shall be no prior notice if there is any change on the product specifications.

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