

TB162

Accessory

US power cord in package (No EU power cord, no UK power cord).

TB162 included power cord with US plug only and EU customers need to pay for additional power cord with EU or UK plug due to the vendor does not want to do it unless we can commit to MOQ.

Does TB162 has a power adapter with a cigarette lighter plug?

1010-900056G TB162 Car charge power adapter.Data sheet link:

http://w3.tw.ute.com/pub/cs/product/TB162\OS9-NB31005_NLE-2003C20V72-TH02.pdf

Is there SDK for barcode scanner?

There is no SDK due to Honeywell N3680 is hardware decode.Data sheet link:

http://w3.tw.ute.com/pub/cs/product/TB162\N36XX-UG_Rev_D.zip

Document

Is there any user's manual for office docking and vehicle docking?

You can get user's manual from below URL

http://w3.tw.ute.com/pub/cs/product/TB162\NP03_v1.0_English_0522.pdf

Hardware

How many physical antenna ? Where are the antenna's located ?

Five physical antenna inside there are GPS/LTE main & aux/wifi main & aux,Please see below URL for antenna's located

http://w3.tw.ute.com/pub/cs/product/TB162\TB162_antenna_location.PNG



What is behind all the covers at the back?

Please see below URL for details

http://w3.tw.ute.com/pub/cs/product/TB162/TB162_Back.PNG

There is no indication LED for battery charging.

Yes, there is no indication LED for battery charging.

Seems TB162 support some kind of hot swap, it is unclear how it operating and for how long. If you remove battery and put back in certain time, the TB162 resume back to where it was.

Yes. When the backup battery is fully charged (Tablet power on >1.5H), it can support to swap main battery within 60 seconds, this 60 seconds duration may be different depends on system loading and the health of backup battery.

How long the batteries operating lifetime of using Prime95(64 bits) to test?

1. 200 minutes when contrast is at 75%
2. 235 minutes when contrast is at 25%

How long the batteries operating lifetime of using JEITA ver.2.0 to test?

1. Media Operating time: 06:34:51(PQT team test)
2. Idle Operating time: 10:30:16(PQT team test)
3. Average Operating time: 08:32:33(PQT team test)



Does TB162 and cradle support wake up on LAN / Wi-Fi function?

TB162 cannot support wake up on LAN function.

TB162 does not support wake up on Wi-Fi function.

Cradle does not support wake up on LAN and wake up on Wi-Fi function both.

Does the TB162 support an active stylus?

TB162's Touch panel does not support an active stylus(Not support digitizer stylus) and only supports a passive stylus.

Does the TB162's USB port adapt PD(Power Delivery) and Quick Charge function?

The TB162's USB ports don't support Power Delivery & Quick Charge function.

How long does it take to charge the TB162 battery?

Power adaptor directly: 7H:46M:11S / Via cradle: 7H:46M:25S

How much the maximum capacity of both eMMC and Micro SDXC Card Reader?

The maximum capacity of both eMMC and Micro SDXC Card Reader is 128GB.

How long does the 5100-900024G(TB162 - 4 Bay- Battery Charger) take to charge the battery?

Full charge in 4.5 hours.



TB162 scanner setting question?

1. Do we need to scan the barcode from the manual to set the language?

→ Yes

2. Will the setting remain when TB162 is suspended?

→ Yes

3. Will the setting remain when the battery remove/insert?

→ Yes

4. Will the setting be set to default when the factory resets the TB162?

→ No. Please use the reset to default barcode in UG to reset the barcode to

default Reset the Custom Defaults. If you want the custom default settings restored to your scan engine, scan the Activate Custom Defaults bar code below. This is the recommended default bar code for most users. It resets the scan engine to the custom default settings. If there are no custom defaults, it will reset the scan engine to the factory default settings. Any settings that have not been specified through the custom defaults will be defaulted to the factory default settings.

Note: To remove custom defaults, see "Resetting the Factory Defaults" on page 8-162.

Can TB160 support glove ?

1. Can support gloves thickness of less than 1mm

2. Suggest to use 8mm capacitive stylus (384896G)



ME

Is it correct the IP grade is compromised when connector flaps are open?

Yes. IP65 only can be guaranteed when all flaps and access doors are well closed.

What is the purpose of the inserts?Is it Metric?What is the max. length?

1.Right and left screw hole is for easel and V shape screw hole for VESA MOUNT
Screw holes distribution:

http://w3.tw.ute.com/pub/cs/product/TB162/TB162_Screw_holes_distribution.PNG

VESA mount guide:

<https://www.ergotron.com/zh-hk/support/vesa-standard>

2.Metric

3.The length of screw is depend on what accessory is installed. Different accessory has different thickness therefore the length of screw will be different.

Please tell us the dimension of TB162 cradle(5000-900068G)?

Dimension: 200.1x142.6x77.5mm

Datasheet link:

http://w3.tw.ute.com/pub/cs/product/TB162/MS-NP03-Docking-SPEC_v1.1_200716.pdf

How does the TB162's vehicle cradle mount to the vehicle?

Please see the below link for details:

http://w3.tw.ute.com/pub/cs/product/TB162/TB162_vehicle_cradle_mount.pdf



OS

How to know the O.S version of TB162?

Settings→System→About→Windows specifications

How to reset TB162?

Press F3→Troubleshoot→Reset this PC→Remove everything→Just remove my files→Reset

How to Turn Off Windows Update from other PCs?

Settings→ Update & Security→ Advanced options→ Delivery Optimization→ allow downloads from other PCs→ Turn Off.

Details:

<http://w3.tw.ute.com/pub/cs/product/TB162/TB162 Turn Off Windows Update from other PCs.pdf>

How to Turn Off Automatic Windows Updates on Windows 10

<http://w3.tw.ute.com/pub/cs/product/TB162/TB162 Turn Off Windows Update Service.pdf>

How to Avoid Screen Flickering?

Settings→Personalization→Colors→Transparency effects→Turn Off.

Details:

<http://w3.tw.ute.com/pub/cs/product/TB162/TB162 Avoid Screen Flickering.pdf>



Is there reason the Camera app is not embedded in the O.S ?

Due to TB162 is using window 10 LTSC version, so a Windows 10 LTSC does not contain Microsoft Edge, Microsoft Store, such as Camera, Cortana, OneNote, and other modern apps that continue to advance with innovative improvements.

Please check below link for LTSC VS SAC details:

<https://techcommunity.microsoft.com/t5/windows-it-pro-blog/lts-what-is-it-and-when-should-it-be-used/ba-p/293181#>

Face recognition / login does not operate.

TB162 doesn't support face recognition and face login.

There is green LED at the front next to Front Camera,It is unclear what is the purpose When Tb162-screen is on the green LED is also on but is sometimes also on when TB162-screen is off.

It is power on indicator. Power on / Sleep / Suspend : LED on; Power off (S5) : LED off.

When TB162 is automatically powered off and power on, you need to tap 2 times in login prompt before SIP appears.

It is the slow response of Win10.



It seems when the TB162 is automatically powered off and then press the power key, the TB162 is rebooting rather than coming from suspend. Is this correct?

Yes. Auto power off will act like manually power off.

How to Restore Hard Disk Image on TB162 G1 version?

Please follow the SOP to restore the O.S and download the O.S from the below link:

Restore O.S instruction:

http://download1.tw.ute.com/cs/firmware/TB162/TB162_G1_HDI_SOP_20200422.pdf

Restore O.S file: ZS7-ND51RM4-WC2-8.0.E1.1.0.1.wim

<http://download1.tw.ute.com/cs/firmware/TB162/ZS7-ND51RM4-WC2-8.0.E1.1.0.1.wim>

Restore O.S tool: WINPE_X64_for Win10 RS5_20190723.rar

http://download1.tw.ute.com/cs/firmware/TB162/WINPE_X64_for Win10 RS5_20190723.rar

How to Restore Hard Disk Image on TB162 G2 version?

Please follow the SOP to restore the O.S and download the O.S from the below link:

Restore O.S instruction:

http://download1.tw.ute.com/cs/firmware/TB162/TB162_G2_HDI_SOP_20210927.pdf

Restore O.S file: ZS7-ND54RM4-WC2-8.1.E1.1.0.1.wim

<http://download1.tw.ute.com/cs/firmware/TB162/ZS7-ND54RM4-WC2-8.1.E1.1.0.1.wim>

Restore O.S tool: WINPE_X64_for Win10 RS5_20190723.rar

http://download1.tw.ute.com/cs/firmware/TB162/WINPE_X64_for Win10 RS5_20190723.rar



Software

Is there have any tools can testing for camera & NFC function?

For camera function link:

<http://w3.tw.ute.com/pub/cs/product/TB162\CAMERARECORDER.RAR>

For NFC function link:

http://w3.tw.ute.com/pub/cs/product/TB162\RFID_NFC.zip

How to set up the scanner to continuously read?

Please refer to the below link they are including:

https://a2401.s3.amazonaws.com/cs/firmware/TB162/TB162_scanner_continuously_read.zip

1. User's Manual N4680-EN-UG Rev C.
2. Instructions on how to set up the scanner to continuously read.
3. Demo video: TB162's Scanner in presentation mode

