

# **OFT7W-ADLN**

Intel® Processor N50

## **User's Manual**

Edition 0.1 – February, 2025

#### OFT07W-ADLN

## **FCC Statement**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) this device may not cause harmful interference, and
- 2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the measures listed below:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

#### Notice

This guide is designed for experienced users to setup the system within the shortest time. For detailed information, please always refer to the electronic user's manual.

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## A Message to the Customer

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Each and every BCM product is built to the most exacting specifications to ensure reliable performance in the harsh and demanding conditions typical of industrial environments. Whether your new BCM device is destined for the laboratory or the factory floor, you can be assured that your product will provide the reliability and ease of operation for which the name BCM has come to be known.

Your satisfaction is our primary concern. Here is a guide to BCM customer services. To ensure you get the full benefit of our services, please follow the instructions below carefully.

## **Technical Support**

We want you to get the maximum performance from your products. So if you run into technical difficulties, we are here to help. For the most frequently asked questions, you can easily find answers in your product documentation. These answers are normally a lot more detailed than the ones we can give over the phone. So please consult the user's manual first.

To receive the latest version of the user's manual; please visit our Web site at: http://www.bcmcom.com.

If you still cannot find the answer, gather all the information or questions that apply to your problem, and with the product close at hand, call your dealer. Our dealers are well trained and ready to give you the support you need to get the most from your BCM products. In fact, most problems reported are minor and are able to be easily solved over the phone.

In addition, free technical support is available from BCM engineers every business day. We are always ready to give advice on application requirements or specific information on the installation and operation of any of our products. Please do not hesitate to call or e-mail us.

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This warranty does not apply to any products which have been repaired or altered by persons other than repair personnel authorized by BCM, or which have been subject to misuse, abuse, accident or improper installation. BCM assumes no liability under the terms of this warranty as a consequence of such events. Because of BCM high quality-control standards and rigorous testing, most of our customers never need to use our repair service. If any of BCM products is defective, it will be repaired or replaced at no charge during the warranty period. For out-of-warranty repairs, you will be billed according to the cost of replacement materials, service time, and freight. Please consult your dealer for more details. If you think you have a defective product, follow these steps:

- Collect all the information about the problem encountered. (For example, CPU type and speed, BCM products model name, hardware & BIOS revision number, other hardware and software used, etc.) Note anything abnormal and list any on-screen messages you get when the problem occurs.
- 2. Call your dealer and describe the problem. Please have your manual, product, and any helpful information available.
- 3. If your product is diagnosed as defective, obtain an RMA (return material authorization) number from your dealer. This allows us to process your good return more quickly.
- 4. Carefully pack the defective product, a complete Repair and Replacement Order Card and a photocopy proof of purchase date (such as your sales receipt) in a shippable container. A product returned without proof of the purchase date is not eligible for warranty service.

Write the RMA number visibly on the outside of the package and ship it prepaid to your dealer.

### OFT07W-ADLN

## **Manual Objectives**

This manual describes in detail the BCM OFT07W-ADLN system.

We strongly recommend that you study this manual carefully before attempting to interface with OFT07W-ADLN or change the standard configurations. Whilst all the necessary information is available in this manual we would recommend that unless you are confident, you contact your supplier for guidance.

Please be aware that it is possible to create configurations within the CMOS RAM that make booting impossible. If this should happen, clear the CMOS settings, (see the description of the Jumper Settings for details).

If you have any suggestions or find any errors concerning this manual and want to inform us of these, please contact our Customer Service department with the relevant details.

## Safety Precautions

Warning!



Always completely disconnect the power cord from your chassis whenever you work with the hardware. Do not make connections while the power is on. Sensitive electronic components can be damaged by sudden power surges. Only experienced electronics personnel should open the PC chassis.

#### Caution!



Always ground yourself to remove any static charge before touching the mainboard. Modern electronic devices are very sensitive to static electric charges. As a safety precaution, use a grounding wrist strap at all times. Place all electronic components in a static-dissipative surface or static-shielded bag when they are not in the chassis.

## **Document Amendment History**

Revision	Date	Comment
0.1	Feb, 2025	Beta Release

# Content

1.	Gettir	g Started	8
1.1	Safety	Precautions	8
1.2	Packir	ng List	8
1.3	Syste	n Specifications	.10
1.4	Syster	n Overview	.12
	1.4.1	Top View	. 12
	1.4.2	Bottom View	. 12
	1.4.3	Left View	. 12
	1.4.4	Right View	. 12
1.5	Syster	n Dimensions	.13
2.	Hardv	vare Configuration	.14
2.1	Power	ing On the System	.15
2.2	JRX12	2 Overview	.16
2.3	JRX12	2 Jumper and Connector List	.17
2.4	JRX12	2 Jumpers & Connectors settings	.19
	2.4.1	A-MIC connector (JAMIC1)	. 19
	2.4.2	General purpose I/O connector (JDIO1)	. 19
	2.4.3	RTC Battery connector (JRTC)	. 20
	2.4.4	Speaker connector (JSPK1)	. 20
	2.4.5	RS232/RS-485 connector (JRS485)	. 21
	2.4.6	I2C connector (JI2CTP)	. 21
	2.4.7	USB Touch connector (JUSBTP)	. 22
	2.4.8	Touch button board connector (JTB1)	. 22
	2.4.9	Sensor connector (JSENSE)	. 23
	2.4.10	Camera connector (JCAM1)	. 23
	2.4.11	USB Touch connector (JUSB20)	. 24
3. Driv	vers In	stallation	.25
3.1	Install	Chipset Driver	.26
3.2	Install	VGA Driver	.27
3.3	Install	ME Driver	.28
3.4	Install	Audio Driver	.29
3.5	Install	LAN Driver	.30
3.6	Install	Bluetooth Driver	.31
3.7	Install	GPIO Driver	.32
3.8	Install	HID Driver	.33
3.9	Install	SIO Driver	.34
3.10	) Insta	ll wifi Driver	.35

# **1. Getting Started**

## **1.1 Safety Precautions**

Warning!



Always completely disconnect the power cord from your chassis whenever you work with the hardware. Do not make connections while the power is on. Sensitive electronic components can be damaged by sudden power surges. Only experienced electronics personnel should open the PC chassis.

**Caution!** 



Always ground yourself to remove any static charge before touching the CPU card. Modern electronic devices are very sensitive to static electric charges. As a safety precaution, use a grounding wrist strap at all times. Place all electronic components in a static-dissipative surface or static-shielded bag when they are not in the chassis.

## **1.2 Packing List**

Before installation, please ensure all the items listed in the following table are included in the package.

ltem	Description	Q'ty
	OFT07W-ADLN	1



If any of the above items is damaged or missing, contact your retailer.

## **Purposes and Applications**

OFT07W-ADLN is used the Intel® IOTG Alder Lake-N Processor, which has stronger performance and lower power consumption. it also inherits from OFT-series strength, Modularized, Flexible Expansion, Reliability and Stability.

OFT series have been passed stricter vibration and shock testing. It can be used on extreme environment like manufacture or factory. Typical applications are HMI, Automation, POI, KIOSK.

## Unpacking

To unpack the flat bezel panel PC, follow the steps below.

## WARNING!

The front side LCD screen has a protective plastic cover stuck to the screen. Only remove the plastic cover after the fiat bezel panel PC has been properly installed. This ensures the screen is protected during the installation process.

Step 1: Carefully cut the tape sealing the box. Only cut deep enough to break the tape.

Step 2: Open the outside box.

Step 3: Carefully cut the tape sealing the box. Only cut deep enough to break the tape.

Step 4: Open the inside box.

Step 5: Lift the panel PC out of the boxes.

Step 6: Remove the peripheral parts box from the main box.

## 1.3 System Specifications

System Information			
SBC	JRX12 Motherboard		
Processor	Intel® IOTG Alder Lake-N Processor 6W N50		
CPU Cooler (Type)	Passive		
System Memory	Onboard 8GB LPDDR5		
Microphone	A-MIC in (1x3P, pitch 2.0 wafer ; 90D)		
Speaker	1x4P, pitch 2.0 wafer; 90D		
Camera	2x5P, pitch 2.0 wafer ; 90D ; USB camera with DMIC		
Wireless LAN	802.11a/b/g/n/ac/ax MIMO 2x2, BL-M8852BP4		
Bluetooth	BT5.2, BL-M8852BP4		
Onereting System	Windows11 2024 21H2 / Windows10 2021 21H2 LTSC / Ubuntu 24.04		
Operating System	compatible		
Micro SD slot	Micro SD slot		
Storage			
Other Storage	Opboard 64GB oMMC		
Device			
Panel			
I CD Panol	KD070D30-31NB-A030 (MIPI)		
	800x1280, 350 Nits		
Touch Screen	WGJ0701012A-GDA-A1_800x1280		
Touch Controller	ILI 2132		
Rear I/O			
Head phone jack	1x TRS, LEFT/RIGHT/GROUND		
HDMI	1x HDMI 2.0a Type A up to 4096x2304@60fps		
USB Port	2x USB 3.0 Type A		
LAN Port	RJ-45 10/100/1000		
Physical button	1 x Power button		
DC in Connector	1 x 12V~24V wide range x 5A ; lock jack		
De in connector	(AT / ATX optional by jumper)		
Onboard I/O			
DC-in wafer	2x2P, pitch 2.0 wafer; 90D		
Display interface	1 x MIPI-DSI (for K&D, KD101N89-40NI-B042)		
M.2 Socket	M.2 Key-E 2230 for WIFI&BT Module (PCIE V2.1 Gen2 / USB2.0)		
SD Socket	1 x Micro SD slot		
USB2.0	1x5P, pitch 2.0 wafer; 90D		
USB2.0 + DMIC	2x5P, pitch 2.0 wafer; 90D ; USB camera with DMIC		
i2C	2x5P, pitch 2.0 wafer; 90D		

Touch Key	2x6P, pitch 2.0 pin wafer; 90D	
Touch Panel	i2C, FFC type; 90D	
	1xUSB, FFC type; 90D	
COM port	1 x RS-485/232(Default) – 2wires with 5V ; 2x5P pitch 2.0 wafer	
	(RS232/485 by BIOS setting and connector)	
Speaker	stereo 2Wx2/4ohm ; 1x4P, pitch 2.0 wafer; 90D	
PTC	1 x CR-2032 w/ cable 107mm (220mAh/3.0V) -20°C~70°C	
	1x2P, pitch 1.25 pin wafer; 90D	
GPIO extender	2 x 10P pitch 1.0 wafer; 90D	
A-MIC	1x3P pitch 2.0 wafer; 90D	
LED	1xSMT LED (for system power), color is green and near the edge of the board	
Others	Thermal solution (for 6W CPU, N50/N200/x7211E)	
Power Requirement		
DC Input Voltage	+12~24V DC input, 5A	
Power Mode	AT / ATX optional by jumper	
Power Button	1x Power button	
Power Connector	$1 \times 12 \sqrt{-24}$ wide range x 5A · lock jack	
Туре	1 A 12 V 24 V WINC TAILYE A UM, IUCK JACK	
Mechanical		
Dimension	183.1x115.85x24.3 mm	
Weight	520g	
Cooling Solution	Fanless	
Operating	$0^{\circ}C \sim 40^{\circ}C$	
Temperature		
Operating Humidity	40°C @ 95% relative humidity, non-condensing	
Storage	-20°C ~ 60°C	
Temperature	ture	

Q

**Note:** Specifications are subject to change without notice.

## 1.4 System Overview

1.4.1 Top View



## 1.4.2 Bottom View



## 1.4.3 Left View



## 1.4.4 Right View



## 1.4 System Dimensions







(Unit: mm)



For advanced information, please refer to:

1- JRX12 Motherboard included in this manual.



Note: If you need more information, please visit our website:

www.bcmcom.com

## 2.1 Powering On the System

To power on the system, follow the steps below.

Step 1: Connect the power cord to the power adapter. Connect the other end of the power cord to a power source. Ensure to connect the power cord to a socket-outlet with earthing connection.

Step 2: Connect the power adapter to the power connector of the product.

Step 3: Locate the power button on the product.

Step 4: Switch on the power button can turn on the system. Keep holding the power button on can force shutdown the PC.







## 2.3 JRX12 Jumper and Connector List

You can configure your board to match the needs of your application by setting jumpers. A jumper is the simplest kind of electric switch.

It consists of two metal pins and a small metal clip (often protected by a plastic cover) that slides over the pins to connect them. To "close" a jumper you connect the pins with the clip. To "open" a jumper you remove the clip. Sometimes a jumper will have three pins, labeled 1, 2, and 3. In this case, you would connect either two pins.



The jumper settings are schematically depicted in this manual as follows:

0 0		1 2 3 O <b>D-0</b>
Open	Closed	Closed 2-3

A pair of needle-nose pliers may be helpful when working with jumpers.

Connectors on the board are linked to external devices such as hard disk drives, a keyboard, or floppy drives. In addition, the board has a number of jumpers that allow you to configure your system to suit your application.

If you have any doubts about the best hardware configuration for your application, contact your local distributor or sales representative before you make any changes.

Connectors				
Label	Function	Note		
JUSBTP	USB Touch connector			
JI2CTP	I2C connector			
JAMIC1	A-MIC connector	3 x 1 wafer, pitch 2.00 mm		
JDIO1	General purpose I/O connector	10 x 2 wafer, pitch 1.00 mm		
JRTC1	RTC battery connector	2 x 1 wafer, pitch 1.25 mm		
JSPK1	Speaker interface	4 x 1 wafer, pitch 2.00 mm		
JRS485	RS-485 connector	5 x 2 wafer, pitch 2.00 mm		
JTB1	Touch button board connector	6 x 2 wafer, pitch 2.00 mm		
JSENSE	Sensor connector	5 x 2 wafer, pitch 2.00 mm		
JCAM1	Camera connector	5 x 2 wafer, pitch 2.00 mm		
JUSB20	USB connector	1 x 5P pitch 2.0 wafer		

The following tables list the function of each of the board's jumpers and connectors.

## OFT07W-ADLN

JSD1	Micro SD card slot	1 x Micro SD slot
JNGFF2	M.2 E-Key	1 x M.2 2230 Key E
JUC1	BIOS ROM Socket	
JMIPI	MIPI Port	40 x 1 FPC, pitch 0.30 mm
JDCIN2	DC Power-in connector	2 x 2P pitch wafer
	DC Bower in connector	1 x 12V~24V wide range x 5A ;
JDCINI	DC Power-III connector	lock jack
JLAN1	RJ-45 Ethernet connector	1 x 10/100/1000 Mbps
JUSB1/2	USB 3.0 connector	2 x type A
		1 x type A 2.0a up to
JUDIAILI	HDMI connector	4096x2304@60fps
JHP1	Audio line-out connector	1 x TRS, LEFT/RIGHT/GROUND

## 2.4 JRX12 Jumpers & Connectors settings

## 2.4.1 A-MIC connector (JAMIC1)





Signal	PIN
MIC_JD#	3
AMIC_IN	2
GNDA	1

## 2.4.2 General purpose I/O connector (JDIO1)





Signal	PIN	PIN	Signal
DIO_GP20	2	1	DIO_GP10
DIO_GP21	4	3	DIO_GP11
DIO_GP22	6	5	DIO_GP12
DIO_GP23	8	7	DIO_GP13
DIO_GP24	10	9	DIO_GP14
DIO_GP25	12	11	DIO_GP15
DIO_GP26	14	13	DIO_GP16
DIO_GP27	16	15	DIO_GP17
I2C_1_LV_SCL	18	17	I2C_1_LV_SDA
GND	20	19	+V5S_DIO

## OFT07W-ADLN

## 2.4.3 RTC Battery connector (JRTC1)





Signal	PIN
+RTCBATT	1
GND	2

## 2.4.4 Speaker connector (JSPK1)





Signal	PIN
SPK_L+	1
SPK_L-	2
SPK_R+	3
SPK_R-	4

## 2.4.5 RS232/RS-485 connector (JRS485)





Signal	PIN	PIN	Signal
GND	9	10	GND
NC	7	8	NC
+3.3V	5	6	NC
485TX+	3	4	232-RXD
485TX-	1	2	232-TXD

## 2.4.6 I2C connector (JI2CTP)





Signal	PIN
TOUCH_RST#_R	1
I2C_5_SDA_R	2
I2C_5_SCL_R	3
TOUCH_INT#_R	4
GND	5
+3.3VA_I2CTP	6

### OFT07W-ADLN

## 2.4.7 USB Touch connector (JUSBTP)





Signal	PIN
+5V_TOUCH	1
USB2_P5_N_L	2
USB2_P5_P_L	3
GND	4
GND	5
NC	6

## 2.4.8 Touch button board connector (JTB1)



	Î	Î	Î	Î	Î	Î	
ľ	0	•					1
		_	•				l
	11					1	

Signal	PIN	PIN	Signal
GND	2	1	+PWR_JTB1 (5V)
BU1_TV_3V	4	3	RSTBTN
VOL_DOWN_3V	6	5	VOL_UP_3V
BU_BR+_3V	8	7	PWRBTN_3V
BU7_3V	10	9	BU_BR3V
LED_ORANGE_R	12	11	LED_GREEN_R

## 2.4.9 Sensor connector (JSENSE)



Signal	PIN	PIN	Signal		
+3VS_SEN_CONN	9	10	+3VS_SEN_CONN		
I2C_1_SCL_3.3V_CONN	7	8	I2C_0_SCL_3.3V_CONN		
I2C_1_SDA_3.3V_CONN	5	6	I2C_0_SDA_3.3V_CONN		
SENSE1_IRQ	3	4	SENSE0_IRQ		
GND	1	2	GND		

2.4.10 Camera connector (JCAM1)





Signal	PIN	PIN	Signal
+CAM_VCC	9	10	+DMIC_VCC
USB2_P6_N_R	7	8	CAM_DMIC_CLK_R
USB2_P6_P_R	5	6	CAM_DMIC_DAT_R
GND	3	4	GND
GND	1	2	GND

## OFT07W-ADLN

## 2.4.11 USB Touch connector (JUSB20)





Signal	PIN
+5V_USB	5
USB2_P4_N_R	4
USB2_P4_P_R	3
GND	2
GND	1

# 3. Drivers Installation

All the drivers are available on BCM website (<u>https://www.bcmcom.com</u>). Type the model name and press Enter to find all the relevant software, utilities, and documentation.

### Note:

The panel PC with projected capacitive type touchscreen and Windows 10 (or later) OS does not require touch driver installation. This is because there is a HID touch digitizer built-in driver in Windows 10 or later.



**Note**: Installation procedures and screen shots in this section are for your reference and may not be exactly the same as shown on your screen.

## 4.1 Install Chipset Driver

All drivers can be found on the BCM Website: <u>www.bcmcom.com</u>.



**Note:** The installation procedures and screen shots in this section are based on Windows 10 operation system. If the warning message appears while the installation process, click Continue to go on.





Intel(R) Chipset Device Software	Intel(R) Chipset Device Software
You are about to install the following product:	You have successfully installed the following product:
Intel(R) Chipset Device Software	Intel(R) Chipset Device Software
It is strongly recommended that you exit all programs before continuing.	You must restart this computer for the changes to take effect.
Press Next to continue, or press Cancel to exit the setup program.	
	View Log Files
Next Cancel	Restart Now Restart Later





Step 2. Click Accept.

Step 4. Click Restart.

## 4.2 Install VGA Driver



**Note:** The installation procedures and screen shots in this section are based on Windows 10 operation system. If the warning message appears while the installation process, click Continue to go on.



Step 1. Click Begin installation.



Step 2. Click I agree.



Step 3. Click Start.



Step 4. Installing.

intel. Grap	hics Driver Installer v1.0#207
Pre-Install	Installation complete!
- Setup	You need to restart your system in order to apply the driver changes.
— Install	
Done!	Show details
	Finish Reboot Required

Step 5. Click Finish to complete setup.

## 4.3 Install ME Driver



Note: The installation procedures and screen shots in this section are based on Windows 10 operation system. If the warning message appears while the installation process, click Continue to go on.



## Step 3. Click Next.



Step 1. Click Next to continue setup.



Setup Intel® Management Engine Components (intel) Completion You have successfully installed the following components: - Intel® Management Engine Interface - Intel® Dynamic Application Loader - Intel® Trusted Connect Service intel Corporation <<u>B</u>ack <u>N</u>ext > <u>F</u>inish

X

Step 4. Click Finish to complete setup.

## Step 2. Click Next.

## 4.4 Install Audio Driver



**Note:** The installation procedures and screen shots in this section are based on Windows 10 operation system.

Directory:	C:\RtkUWP_1	1.48.315.0_x6	4_bundle_Re	LeaseSign.appxupload_Windows10_PreinstallKit
lode	Lasti	driteTime	Length	Name
	12/1/2022	4.29 AM		AURTOR test
a	12/1/2023	4.30 AM	0774590	6601220560d7451a07441259bb6657d6_500vbund1a
	12/1/2023	4-38 AM	2743	ff01330a69d7451e87441258bbf6a7df Licensel xml
	12/1/2023	4:38 AM	1573592	Microsoft VCLibs 140 00 14 0 32530 0 arm64 Swekyb3d8bbwe appy
	12/1/2023	4:38 AM	835857	Microsoft VCLibs 149.00 14.0.32530.0 arm Suekyb3d8bbue.appx
a	12/1/2023	4:38 AM	893921	Microsoft.VCLibs.140.00 14.0.32530.0 x64 8wekyb3d8bbwe.appx
- a	12/1/2023	4:38 AM	761432	Microsoft.VCLibs.140.00 14.0.32530.0 x86 8wekyb3d8bbwe.appx
a	12/1/2023	4:38 AM		MPAP ff01330a69d7451e87441258bbf6a7df 001.provxm1
S C:\RtkUWP_1 S C:\RtkUWP_1 .00_14.0.3253	L.48.315.0_x6 L.48.315.0_x6 30.0_x648m	54_bundle_Rel 54_bundle_Rel ekyb3d8bbwe.a	easeSign.app easeSign.app ppx"	xxupload_Windows10_PreinstallKit> xxupload_Windows10_PreinstallKit> Add-AppxPackage -Path "Wicrosoft.VCLibs
S C:\RtkUWP_1 ackagepath:"f	1.48.315.0_x6 FF01330a69d74	54_bundle_Rel \$51e87441258b	easeSign.ap bf6a7df.app	pxupload_Windows10_PreinstallKit> <mark>dism</mark> /online /add-provisionedappxpackag kbundle" /licensepath:"ff0l330a69d7451e87441258bbf6a7df_Licensel.xml"

Step 3. Installing.



Step 1. Click YES.



Step 2. Click OK.

## 4.5 Install LAN Driver



**Note:** The installation procedures and screen shots in this section are based on Windows 10 operation system. If the warning message appears while the installation process, click Continue to go on.



Step 3. Click Finish to complete setup.



Step 1. Click Install Drivers and Software.



Step 2. Click Next.

## 4.6 Install Bluetooth Driver



**Note:** The installation procedures and screen shots in this section are based on Windows 10 operation system. If the warning message appears while the installation process, click Continue to go on.

Name	Date modified	Туре	Size
<b>1</b> x64	2/3/2025 7:55 PM	File folder	
evcon	10/20/2021 5:17 PM	Application	99 K
🐁 InstallDriver	10/20/2021 5:17 PM	Windows Command Script	2 K
Reli Type: Windows Command Script Size: 1.54 KB	12/31/2021 10:38 AM	Text Document	58 K
📓 scri Date modified: 10/20/2021 5:17 PM	10/20/2021 5:17 PM	Windows PowerShell Script	2 K
🐁 UninstallDriver	10/20/2021 5:17 PM	Windows Command Script	2 K





Step 2. Select 'Yes' at the prompt.

						_
Administra	tor: C:\Windows\Syste	em32\cmd.exe			-	2
*** Batch	Install Realte	k Bluetooth F:	ilter Drive	**********		
*** Please	wait a moment					
Directo	ory: C:\Program	Files (x86)\H	REALTEK			
1ode	Last	√riteTime	Length	Name		
d	6/13/2024	5:27 AM		Realtek Bluetooth		

**Step 3.** Installing will auto start and complete in background.

## 4.7 Install GPIO Driver



**Note:** The installation procedures and screen shots in this section are based on Windows 10 operation system. If the warning message appears while the installation process, click Continue to go on.



Step 3. Click OK.

l 2 . ∓ I div64 File Home Share View			- 0 × ~ 0
← → × ↑ <mark> </mark> « 2_4_TCA955_GPI0_Win10_64_12.0.21.952	> TCA955(JGPI01) > drv64	✓ Ŏ	
Name ^	Date modified	Type Size	
Decision de la ca955	12/27/2016 11:19 PM	Security Catalog 9 KB	
Disktop / Fall manne	5/19/2016 9:00 PM	Setup Information 5 KB	
Open	12/27/2016 11:20 PM	System file 33 KB	
Print er01011.dll	6/17/2013 2:34 PM	Application exten 1,754 KB	
Install			
Scan with Microsoft Defender			
년 Share			
Open with			
Give access to			
Restore previous versions			
Send to >			
Cut			
Сору			
Create shortcut			
Delete			
Rename			
Properties			
4 items 1 item selected 4.23 KB			
P Type here to search	H 💽 📻 🧭	<i></i>	^ 40) 5:29 AM

Step 1. Click Install.



Step 2. Click Install.

## 4.8 Install HID Driver



Note: The installation procedures and screen shots in this section are based on Windows 10 operation system. If the warning message appears while the installation process, click Continue to go on.



#### Step 3. Click Next.





Step 1. Click Next.



Step 2. Click YES.

Step 4. Click Finish to complete setup.

## 4.9 Install SIO Driver



**Note:** The installation procedures and screen shots in this section are based on Windows 10 operation system. If the warning message appears while the installation process, click Continue to go on.

Setup	$\times$
Intel® Serial IO Readme File Information	
*  *  Production Version Release *  *  Microsoft Windows* 11 64 bit *  *  Intel(R) Serial IO Driver *  NOTE: This document refers to systems containing the following Intel processors/chipsets: * Alder Lake N Platform * Installation Information *	*
<ul> <li>* This document makes references to products developed by</li> <li>* Intel. There are some restrictions on how these products</li> </ul>	~
Intel Corporation < Back Next > Canc	:el

#### Step 3. Click Next.





Setup	×				
Intel® Serial IO License Agreement	(intel)				
This LIMITED DISTRIBUTION LICENSE AGREEMENT ("Agreer and Intel Corporation and its affiliates ("Intel"). It governs Y are accepting this Agreement on behalf of or in conjunction You represent and warrant that You have the authority to b Agreement. By downloading, installing, or using the Material You do not agree, do not use the Materials and destroy all c	nent") is a contract between You Your use of the Materials. If You with Your work for Your employer, ind your employer to this ls, You agree to these terms. If ropies.				
1. DEFINITIONS.					
1.1 "Including" means including but not limited to, whether	or not capitalized.				
1.2 "Intel Components" means a hardware component or product designed, developed, sold, or distributed by Intel or its affiliates.					
<ol> <li>1.3 "Materials" means software or other collateral Intel del Agreement.</li> </ol>	ivers to You under this				
	¥				
I accept the terms in the License Agreement.					
Intel Corporation	< Back Next > Cancel				

Step 2. Click YES.



## Step 4. Click Next.



Step 5. Click Finish to complete setup.

## 4.10 Install wifi Driver



**Note:** The installation procedures and screen shots in this section are based on Windows 10 operation system. If the warning message appears while the installation process, click Continue to go on.

Realtek PCI-E Wireless LAN WiFi 6 Driver		×
Setup Status	j.	REALTEK
The InstallShield Wizard is installing Realtek PCI-E Wireless LAN WiFi 6	Driver	
InstallShield		
		Cancel

Step 1. Click Next.



Step 2. Click Finish to complete setup.