

## Driver DVD Revision History

2019/08/15 Version: PA-2019 V1.4

Modify Quick Guide\_Q3 (A3) ==> Quick Guide\_Q4 (A3)

Modify User Manual\_M5 ==> User Manual\_M6

2019/12/23 Version: PA-2019 V1.5

Add Win10-2019 Driver(Main Chip, Graphics, LAN Chip)

## DRIVER DISC content

Layer 1	
\API Package	Folder
\DRIVER	Folder
\USER MANUAL	Folder
README	PDF file

  

Layer 2 \API Package folder	
\DEMO PROJECT folder	Demo AP
\Prox API Standard folder	API
\Document folder	Guide

## Layer 2 \DRIVER folder

\Flash BIOS folder

BIOS & Updating tool

\Platform folder

Driver

1. The sequence of setup is,  
Main Chip => Intel(R) ME Package => KMDF(Win7) / MBI(Win8.1) => VGA =>  
LAN => SOUND => USB3.0 [Device folder] (Win7)
2. You will be prompted to reboot when installation is complete.
3. Kaby Lake CPU only win10/64bit

### Main Chip /Intel® Skylake CPU

Main board version		
for POS Ready7	32bit	10.1.1.38
	64bit	10.1.1.38
for Windows Embedded 8.1 Industry	32bit	NA
	64bit	10.1.1.38
Windows 10 IOT Enterprise2016	32bit	NA
	64bit	10.1.1.38
Windows 10 IOT Enterprise2019	32bit	NA
	64bit	10.1.17968.8131

\Platform folder

### Intel® ME Package

POS Ready7	32bit	11.6.26.1246
	64bit	11.6.26.1246
Windows Embedded 8.1	32bit	NA
	64bit	11.6.26.1246
Windows 10 IOT Enterprise	32bit	NA
	64bit	11.6.26.1246

### Windows update KMDf & MBI

POS Ready7	32bit	kmdf-1.11-Win-6.1-x86
	64bit	kmdf-1.11-Win-6.1-x64
Windows Embedded 8.1	32bit	NA
	64bit	NA
Windows 10 IOT Enterprise	32bit	NA
	64bit	NA

### Hotfix

Main board version		
Windows 10 IOT Enterprise	32bit	1.windows10.0-kb 3211320-x64_2ab c94fceb4d1cdd90 8b3bdba473e28e 0c061a3d 2.windows10.0-kb 3213986-x64_a1f 5adacc28b56d77 28c92e318d6596 d9072aec4
	64bit	1.windows10.0-kb 3211320-x64_2ab c94fceb4d1cdd90 8b3bdba473e28e 0c061a3d 2.windows10.0-kb 3213986-x64_a1f 5adacc28b56d77 28c92e318d6596 d9072aec4

### Graphics /Intel®HD

Main board version		
POS Ready7	32bit	15.45.17.4639
	64bit	15.45.17.64.4639
Windows Embedded 8.1	32bit	NA
	64bit	15.45.17.64.4639
Windows 10 IOT Enterprise2016	32bit	NA
	64bit	15.45.17.64.4639
Windows 10 IOT Enterprise2019	32bit	NA
	64bit	26.20.100.6708

### LAN Chip/ INTEL i219

Main board version		
POS Ready7	32bit	21.1.30.0
	64bit	21.1.30.0
Windows Embedded 8.1	32bit	NA
	64bit	21.1.30.0
Windows 10 IOT Enterprise2016	32bit	NA
	64bit	21.1.30.0
Windows 10 IOT Enterprise2019	32bit	NA
	64bit	12.18.9.2

### Sound Codec / Realtek ALC888S- Sound Codes\_2.81

Main board version		
POS Ready7	32bit	6.0.1.8036
	64bit	6.0.1.8036
Windows Embedded 8.1	32bit	NA
	64bit	6.0.1.8036
Windows 10 IOT Enterprise	32bit	NA
	64bit	6.0.1.8036

### USB 3.0

POS Ready7	32bit	4.0.4.51
	64bit	4.0.4.51

Device folder

Touch Controller /ETP-CP-MER4485XRU

Main board version			RA
for POS Ready7	Resistive (ETP-CP-MER4485XRU)	32bit	5.13.0.14220
		64bit	5.13.0.14220
	Resistive	32bit	5.13.0.14220
		64bit	5.13.0.14220
	Projected Capacitive (Control Board: EXC73ACUAG)	32bit	FW:1248 v2
		64bit	FW:1248 v2
for Windows Embedded 8.1 Industry	Resistive (ETP-CP-MER4485XRU)	32bit	NA
		64bit	5.13.0.14220
	Resistive	32bit	NA
		64bit	5.13.0.14220
	Projected Capacitive (Control Board: EXC73ACUAG)	32bit	NA
		64bit	FW:1248 v2
Windows 10 IOT Enterprise	Resistive (ETP-CP-MER4485XRU)	32bit	NA
		64bit	5.14.0.14231
	Resistive	32bit	NA
		64bit	5.14.0.14231
	Projected Capacitive (Control Board: EXC73ACUAG)	32bit	NA
		64bit	FW:1248 v2

Cash Drawer [Twin Cash Draw]

OS	Bit	OPOS	API
POS Ready7	32bit	D04-6980-000-01-160324	A01-0000-000-03-160406
	64bit	D04-6980-000-02-160324	
Windows Embedded 8.1	32bit	NA	
	64bit	D04-6980-000-04-160324	
Windows 10 IOT Enterprise	32bit	NA	
	64bit	D04-6980-000-04-160324	

WIFI module /

WPER-116GNv2/mini PCIe

POS Ready7	32bit	1.5.24.0
	64bit	1.5.24.0
Windows Embedded 8.1	32bit	NA
	64bit	1.5.24.0
Windows 10 IOT Enterprise	32bit	NA
	64bit	5.0.57.0

ZQ802XRN7-01 / mini PCIe

POS Ready7	32bit	2013.7.901.2014
	64bit	2013.7.901.2014
Windows Embedded 8.1	32bit	NA
	64bit	2013.7.901.2014
Windows 10 IOT Enterprise	32bit	NA
	64bit	2013.7.901.2014

Intel AC8265 / mini PCIe

Windows 10 IOT Enterprise	32bit	NA
	64bit	Wireless_19.70.0_PROSet64_Win10
Windows 10 IOT Enterprise	32bit	NA
	64bit	BT_19.80.0_64_Win10

VFD /  
MB-4003 /RS232

FW		F00-4003-000-01-160425			
Utility		U01-4003-000-01-130328 Win7 U01-4003-000-02-130328 Win8.1,10			
JPOS		D04-4000-000-J1-160412			
OPOS		D04-P400-000-01-110630 Win7 D04-P400-000-02-110630 Win8.1,10			
OS	Bit	FW	Utility	JPOS	OPOS
POS Ready7	32bit	Pass	Pass	Pass	Pass
	64bit	Pass	Pass	Pass	Pass
Windows Embedded 8.1	32bit	NA	NA	NA	NA
	64bit	Pass	Pass	Pass	Pass
Windows 10 IOT Enterprise	32bit	NA	NA	NA	NA
	64bit	Pass	Pass	Pass	Pass

LD230 /RS232

FW		8.2	
OS	Bit	OPOS	Utility
POS Ready7	32bit	4.1.5.7	V6.1.2.2
	64bit	4.1.5.7	V6.1.2.2
Windows Embedded 8.1	32bit	NA	NA
	64bit	4.1.5.7	V6.1.2.2
Windows 10 IOT Enterprise	32bit	NA	NA
	64bit	4.1.5.7	V6.1.2.2

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\\Device folder

## IBUTTON

OS	Bit	Utility
POS Ready7	32bit	API PackageA01-0000-000-03-160406
	64bit	API PackageA01-0000-000-03-160406
Windows Embedded 8.1	32bit	NA
	64bit	API PackageA01-0000-000-03-160406
Windows 10 IOT Enterprise	32bit	NA
	64bit	API PackageA01-0000-000-03-160406

## IBT300A /USB/PS2/RS232

OS	Bit	Utility	USB Driver
POS Ready7	32bit	CIDTestAP V0701	VCP+HID+KBDriver5082 5.1.2600.2180
	64bit	CIDTestAP V0701	VCP+HID+KBDriver5082 5.1.2600.2180
Windows Embedded 8.1	32bit	NA	NA
	64bit	CIDTestAP V0701	VCP+HID+KBDriver5082 5.1.2600.2180
Windows 10 IOT Enterprise	32bit	NA	NA
	64bit	CIDTestAP V0701	VCP+HID+KBDriver5082 5.1.2600.2180



**MSR**

**MB-3011 /USB**

**MB-3013 /RS232**

FW		MB-3011 F00-3011-000-00-160311		MB-3011
		MB-3013 F00-3013-000-00-160311		
OS	Bit	OPOS	Utility	USB Driver
POS Ready7	32bit	D04-3011-000-00-160311	U00-301X-000-00-160505	PL2303
	64bit	D04-3011-000-00-160311	U00-301X-000-00-160505	PL2303
Windows Embedded 8.1	32bit	NA	NA	NA
	64bit	D04-3011-000-01-160311	U00-301X-000-01-160505	PL2303
Windows 10 IOT Enterprise	32bit	NA	NA	NA
	64bit	D04-3011-000-01-160311	U00-301X-000-01-160505	PL2303

**MB-3011 USB Driver:**

**PL2303\_Prolific\_driverInstaller\_v1\_11\_0.zip**

**MB-3012 /PS2**

FW		MB-3012 F00-3012-000-00-160311		
OS	Bit	OPOS	Utility	
POS Ready7	32bit	D04-3012-000-00-160311	U00-301X-000-00-160505	
	64bit	D04-3012-000-00-160311	U00-301X-000-00-160505	
Windows Embedded 8.1	32bit	NA	NA	
	64bit	D04-3012-000-01-160311	U00-301X-000-01-160505	
Windows 10 IOT Enterprise	32bit	NA	NA	
	64bit	D04-3012-000-01-160311	U00-301X-000-01-160505	

**IDMB-333433B-ND/USB**

FW			
OS	Bit	OPOS	Utility
POS Ready7	32bit	Driver 3.13 Demo 6.13	2.33
	64bit	Driver 3.13 Demo 6.13	2.33
Windows Embedded 8.1	32bit	N/A	N/A
	64bit	Driver 3.13 Demo 6.13	2.33
Windows 10 IOT Enterprise	32bit	N/A	N/A
	64bit	Driver 3.13 Demo 6.13	2.33

**SKH300/ PS2**

HW		05.04
FW		12.33
OS	Bit	Utility
POS Ready7	32bit	CIDTestAP V0701
	64bit	CIDTestAP V0701
Windows Embedded 8.1	32bit	N/A
	64bit	CIDTestAP V0701
Windows 10 IOT Enterprise	32bit	N/A
	64bit	CIDTestAP V0701

### Finger Printer / U4500

OS	Bit	Utility
POS Ready7	32bit	2.2.3
	64bit	2.2.3
Windows Embedded 8.1	32bit	NA
	64bit	2.2.3
Windows 10 IOT Enterprise	32bit	NA
	64bit	2.2.3

Printer board /

	PDAC3100 USB/RS232	USB to Virtual COM	32bit/64bit	1.2.0
		POS Ready7	32bit	V2.76.7
			64bit	V2.76.7
		Windows Embedded 8.1 Industry	32bit	V2.76.7
			64bit	V2.76.7
		Windows 10 IOT Enterprise	32bit	V2.76.7
			64bit	V2.76.7
	OPOS	V2.5		
	MB-1011 /USB, MB-1013 /RS232	Linux	32 bit	(1.0.0)
		POS Ready7	32bit	2.40
			64bit	2.40
		Windows Embedded 8.1 Industry	32bit	NA
			64bit	2.40
		Windows 10 IOT Enterprise	32bit	NA
			64bit	2.40
	OPOS	(15.0.0.591)		
	MB-1030 USB/RS232	POS Ready7 Driver	UART(COM) 32 bit / 64 bit	D01-1030-000-C1-150719-
			USB 32 bit / 64 bit	D01-1030-000-01-150717
		Windows Embedded 8.1 Industry, Windows 10 IOT Enterprise Driver	UART(COM) /64 bit	D01-1030-000-C1-150719
			USB 64 bit	D01-1030-000-01-150717
		POS Ready7 / Windows Embedded 8.1 Industry /Windows 10 IOT Enterprise USB to Virtual COM	32 bit/ 64 bit	V1.4.0
Windows Embedded 8.1 Industry /Windows 10 IOT Enterprise OPOS		64 bit /Board Ver. RC	D04-1030-000-A2-150601	
		64 bit /Board Ver. RB	D04-1030-000-02-150701	
POS		32 bit/ 64 bit Board Ver. RC	D04-1030-000-A1-150601	

	Ready7 OPOS	32 bit/ 64bit Board Ver. RB	D04-1030-000-01-150701
	Utility	POS Ready7 Board Ver. RC	U01-1030-000-01-150725
		Windows Embedded 8.1Industry/ Windows 10 IOT Enterprise Board Ver. RC	U01-1030-000-02-150725
		POS Ready7 Board Ver. RB	U01-1030-000-01-150725
		Windows Embedded 8.1Industry/ Windows 10 IOT Enterprise Board Ver. RB	U01-1030-000-02-150725

### RFID / IMI300

OS	Bit	CID Utility
POS Ready7	32bit	03.04
	64bit	03.04

### RFID /IMI300-0602U / IMI301-0602U

OS	Bit	CID Utility
POS Ready7	32bit	CID Test AP V0701 MIITestApV0100
	64bit	
Windows Embedded 8.1	32bit	
	64bit	
Windows 10 IOT Enterprise	32bit	
	64bit	

OS	Bit	USB Driver
POS Ready7	32bit	CP210x_Windows_Drivers_with_Serial_Enumeration
	64bit	
Windows Embedded 8.1	32bit	
	64bit	
Windows 10 IOT Enterprise	32bit	
	64bit	

## Layer 2 \USER MANUAL folder

User Manual	System Guide
PDF File reader	AdbeRdr930_en_US.exe