~ Read Me First ~ CUB-43PCIEXP Setup Guide

Please check the bundled items.

How to download the device driver and CUeditor43J_PCI Download the device driver and CUeditor43J_PCI from StepTechnica website.

URL: https://www.steptechnica.com/en/download/index.html

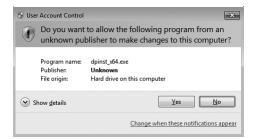
1. Driver installation

Driver can be manually installed from downloaded driver file. The configuration of downloaded driver file is shown in the table below.

0	S	Driver installer storage location
Windows 7/ 8/ 8.1	64-bit version	Driver_V3000\Win7_Win8.1\x64\dpinst_x64.exe
Windows 7/ 8/ 8.1	32-bit version	Driver_V3000\Win7_Win8.1\x86\dpinst_x86.exe
Windows 10	64-bit version	Driver_V3000\Win10\x64\dpinst_x64.exe
Windows 10	32-bit version	Driver_V3000\Win10\x86\dpinst_x86.exe

Select the driver installer to execute according to your PC system environment. This document describes how to install driver to 64-bit version of Windows 10.

- 1 . Power-on PC, start Windows, and log on as an Administrator.
- 2 . Execute "dpinst_x64" in "Driver_V3000 \smallsetminus Win10 \searrow x64". Select 'Yes (Y)' in the user account control dialog box.



3 . Select 'Next (N)' in the driver installation dialog box.



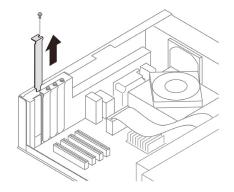
④. Select 'Finish' in the next dialog box.

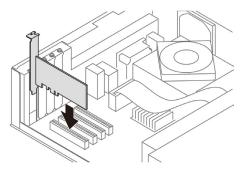


2. Hardware installation

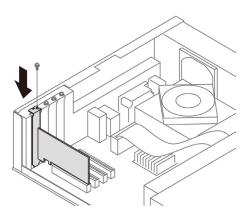
- For how to put-on or remove a PC side panel and insert a PCI card to the PC slot, refer to your PC manual.
- 1 . Power-off the PC.
- Remove the PC side panel.
 (Refer to the PC manual for how to remove the side panel.)
- ③. The board is to be inserted to PCI Express slot, so remove the cover of the slot to insert. (Refer to the PC manual for how to remove the slot cover.)
- (4). Insert the board to PCI Express slot firmly.

(Change to the low-profile bracket when the board is inserted to the PC which has the low-profile slot.)





(5). Fix the bracket using the screw attached with the PC.



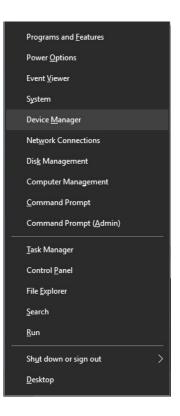
(6). Close the PC side panel in the reverse order of step 2.

3. Check that the PCI card is correctly installed

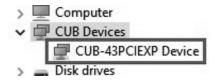
Open 'Device Manager' first to check the card has been correctly installed.

For Windows 10

①. Press 'Windows' and 'X' key to display 'Device Manager(M)' and click it.



② . Device Manager is displayed. Select and double-click 'CUB Devices' to show the devices listed in the context menu and check 'CUB-43PCIEXP Device' is in the list.

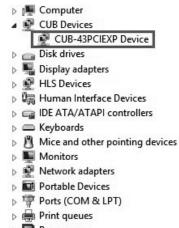


For Windows 8 / 8.1

①. Press 'Windows' and 'X' key to display 'Device Manager(M)' and click it.

Programs and <u>F</u> eatures
Power Options
Event Viewer
S <u>v</u> stem
Device <u>M</u> anager
Network Connections
Dis <u>k</u> Management
Computer Management
Command Prompt
Command Prompt (<u>A</u> dmin)
<u>T</u> ask Manager
Control <u>P</u> anel
File <u>E</u> xplorer
Search
Run
Sh <u>u</u> t down or sign out
<u>D</u> esktop

②. Device Manager is displayed. Select and double-click 'CUB Devices' to show the devices listed in the context menu and check 'CUB-43PCIEXP Device' is in the list.



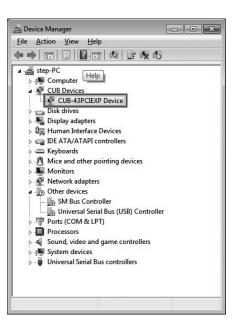
Processors

For Windows 7

①. Open 'Device Manager' from the 'control panel'.

🔾 🗢 📴 🕨 Control Panel 🕨 All Con	trol Panel Items 🕨 👻	49	Search Control Panel
Adjust your computer's settings			View by: Small icons 🔻
Action Center	徵 Administrative Tools	-3	AutoPlay
Backup and Restore	Color Management		Credential Manager
😤 Date and Time	🗑 Default Programs	酚	Desktop Gadgets
🚔 Device Manager	R Devices and Printers	K	Display
Ease of Access Center	Folder Options	h	Fonts
Getting Started	🍓 HomeGroup	2	Indexing Options
🔁 Internet Options	Keyboard	EZI	Location and Other Sensors
Mouse	Network and Sharing Center		Notification Area Icons
Parental Controls	Performance Information and Tools	2	Personalization
拱 Phone and Modem	Power Options		Programs and Features
P Recovery	🔗 Region and Language		RemoteApp and Desktop Connections
Sound	Speech Recognition	3	Sync Center
🖾 System	🛄 Taskbar and Start Menu	-	Troubleshooting
User Accounts	💐 Windows Anytime Upgrade	3	Windows CardSpace
Windows Defender	Windows Firewall	Ø	Windows Update

②. Device Manager is displayed.
 Select and double-click 'CUB Devices' to show the devices listed in the context menu and check 'CUB-43PCIEXP Device' is in the list.



5. How to install CUeditor43J_PCI editor software

Driver can be manually installed from downloaded CUEditor43J_PCI folder.

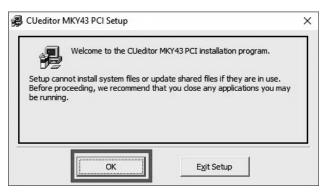
 \bigcirc Execute 'CuEditor43J_PCI \smallsetminus setup.exe' in 'Setup disk'.

CuEditor43E_PCI.CAB	Cabinet File		
🛞 setup.exe	Application		
SETUP.LST	LST File		

②. Select 'Yes' in the user account control dialog box.



③. Select 'OK' in 'CUeditor43J_PCI setup' dialog box to continue.



④ Specify the install location of CUeditor43J_PCI.
 Click 'Change Directory' to change the install location.
 Click thick-squared button to start installation.

		X
Begin the installation by dicking the button belo	ow.	
destination directory.	CUeditor MKY43 PCI software to the specified	
Directory: C:\Program Files (x86)\CUeditor43E PCI\	Change Directory	

⁽⁵⁾. Click 'Continue' in 'CUeditor MKY43 PCI - Choose Program Group' dialog box to continue.

ill add items to the group shown in the Program Group box. enter a new group name or select one from the Existing ist.	
Program Group:	
CUeditor MKY43 PCI	
Existing Groups:	
Accessibility Accessories Administrative Tools	
CUeditor MKY43 PCI HLSB-36PCI-LP EXP EDITOR Maintenance Startup	
System Tools Windows PowerShell	

6 . Click 'OK' button when the setup dialog box is displayed to finish the driver installation.

CUeditor MKY43 PCI Setup	×
CUeditor MKY43 PCI Setup was con	mpleted successfully.
	ОК

Product Specifications		
Item	Description	
CUnet device	МКҮ43 × 1 рс	
CUnet communication method	Half-duplex	
CUnet communication rate	12M/6M/3Mbps (Set in MKY43 register)	
CUnet communication connector	RJ45 type (8pin modular) × 2 pcs	
Supported bus	PCI Express × 1 Gen 1 supported expansion bus	
Owned resource	16KB serial memory area (Automatically allocated by PnP)	
Interrupt	1 line used (Automatically allocated by PnP)	
	Windows10 (64bit/32bit)	
Supported OS	Windows8.1 (64bit/32bit)	
	Windows8 (64bit/32bit)	
	Windows7 (64bit/32bit)	
Power supply	DC +3.3V	
Consumption current	500mA or lower	
Operating conditions	Temperature 0 to 50° Humidity 20 to 90% (With no condensation)	
Storage conditions	Temperature 0 to 80° Humidity 0 to 90% (With no condensation)	
Size	119.9mm(W) \times 68.9mm(H) $\%$ Not including a panel (Low Profile supported)	
Accessory	Low profile bracket	

Safety Precautions

Marnings / Cautions

The information in this document is subject to change without prior notice. Before using this product, please confirm that this is the latest version of this document. (Visit our website to check the latest version.)

Technical information in this document, such as explanations and circuit examples, are just for references to use this product in a proper way.

When actually using this product, always fully evaluate the entire system according to the design purpose based on considerations of peripheral circuits and environment.

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