STEP TECHNICA CO.,LTD.

～ Read Me First ～
CUB-43PCI1 Setup Guide

■ Please check the bundled items.

Make sure that there is an accessory attached with the product.

● Interface board (with Low profile bracket)・・・1 pc

CUB-43PCI1
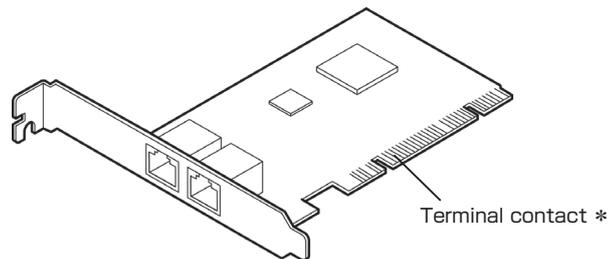
Terminal contact ＊

＊ Do not touch the terminal contacts with your hands. It may cause the malfunction.

■ 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.

OS		Driver installer storage location
Windows 7/ 8/ 8.1	64-bit version	Driver_V1000\Win7_Win8.1\x64\dpinst_x64.exe
Windows 7/ 8/ 8.1	32-bit version	Driver_V1000\Win7_Win8.1\x86\dpinst_x86.exe
Windows 10	64-bit version	Driver_V1000\Win10\x64\dpinst_x64.exe
Windows 10	32-bit version	Driver_V1000\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_V1000 ＼ Win10 ＼ x64". Select 'Yes (Y)' in the user account control dialog box.
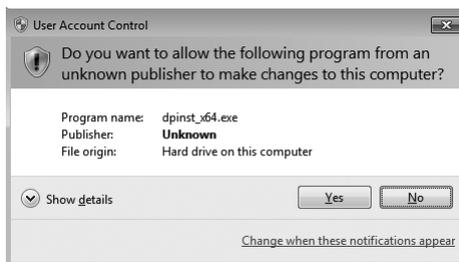
③. Select 'Next (N)' in the driver installation dialog box.

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.

②. Remove all cables connected to the PC.

③. Remove the PC side panel.
(Refer to the PC manual for how to remove the side panel.)

④. The board is to be inserted to PCI slot, so remove the cover of the slot to insert.
(Refer to the PC manual for how to remove the slot cover.)
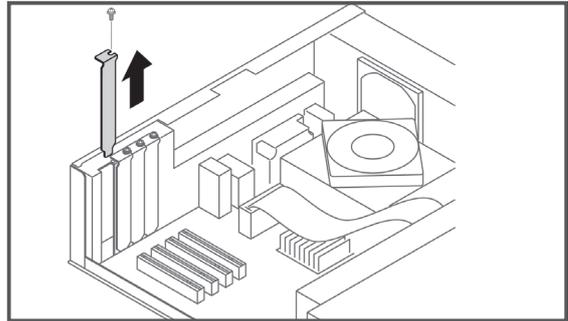
⑤. Insert the board to PCI slot firmly.
(When using the PC with Low profile slot, change the bracket to attached one.)
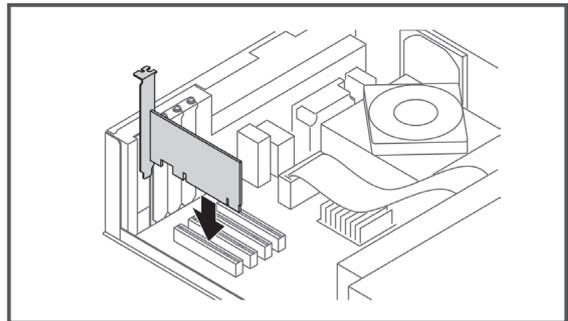
⑥. Fix the bracket using the screw attached with the PC.
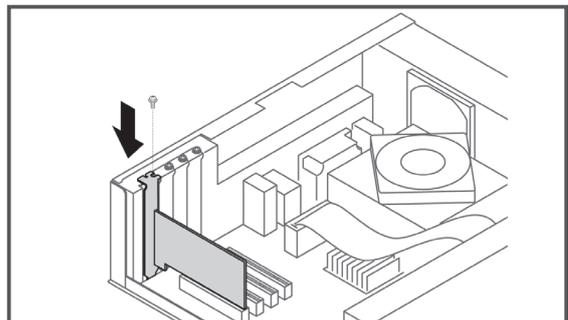
⑦. Close the PC side panel in the reverse order of step 3.

⑧. Connect all cables removed in step 2.
(Do not connect the cable to this PCI connector.)

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.

Programs and Features

Power Options

Event Viewer

System

Device Manager

Network Connections

Disk Management

Computer Management

Command Prompt

Command Prompt (Admin)

Task Manager

Control Panel

File Explorer

Search

Run

Shut down or sign out
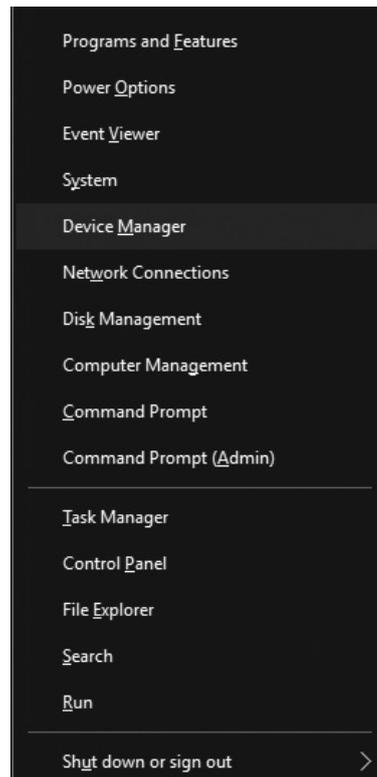
② . Device Manager is displayed. Select and double-click 'CUB Devices' to show the devices listed in the context menu and check 'CUB43PCI1 Device' is in the list.

> Computer
∨ CUnet Devices
CUB43PCI1 Device
> Disk drives

For Windows 8 / 8.1

①. Press 'Windows' and 'X' key to display 'Device Manager(M)' and click it.
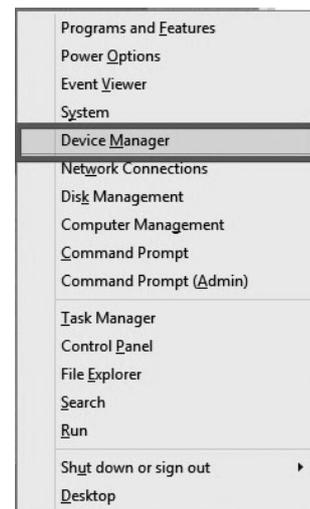
Programs and Features
Power Options
Event Viewer
System
Device Manager
Network Connections
Disk Management
Computer Management
Command Prompt
Command Prompt (Admin)
Task Manager
Control Panel
File Explorer
Search
Run
Shut down or sign out ▸
Desktop

②. Device Manager is displayed. Select and double-click 'CUnet Devices' to show the devices listed in the context menu and check 'CUB43PCI1 Device' is in the list.

> 🖥 Computer
∨ 📇 CUnet Devices
    🖥 CUB43PCI1 Device
> 💽 Disk drives

For Windows 7

Open 'Device Manager' from the 'control panel'.
Select and double-click 'CUnet Devices' to show the devices listed in the context menu and check 'CUB43PCI1 Device' is in the list.

Device Manager
File Action View Help
⬅ ➡ | 🖿 | 🗐 | 🔃 🖥 | 🔍 | 🖻 🗐 🖳
⊿ 🖳 step-PC
  ▷ 🖳 Computer
  ⊿ 📇 CUnet Devices
    📇 CUB-43PCI1 Device
  ▷ 💽 Disk drives
  ▷ 🖳 Display adapters
  ▷ 🖳 Human Interface Devices
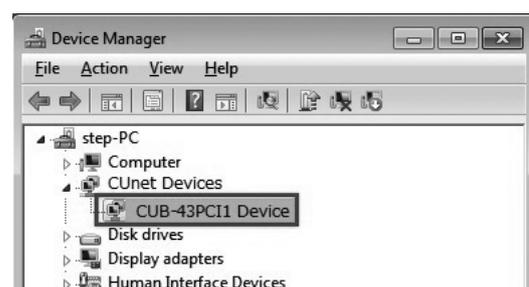
4. How to install CUeditor43J for CUB-43PCI1 editor software

■ Driver can be manually installed from downloaded CUeditor43J folder.

①. Execute 'setup.exe' in 'CUeditor43J'.
Select 'Yes' in the user account control dialog box.
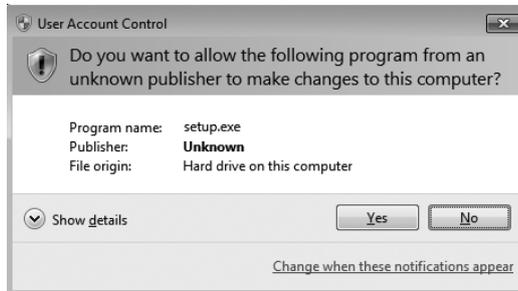
②. Select 'OK' in 'CUeditor MKY43 PCI Setup' dialog box to continue.
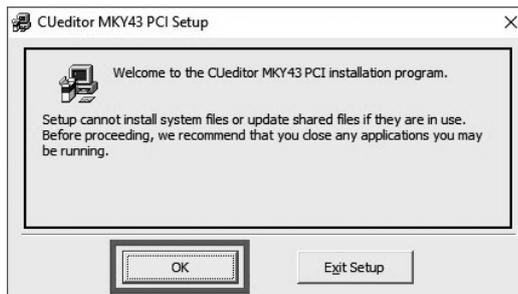
③. Specify the install location of CUeditor MKY43 PCI.
Click 'Change Directory' to change the install location.
Click thick-squared button to start installation.
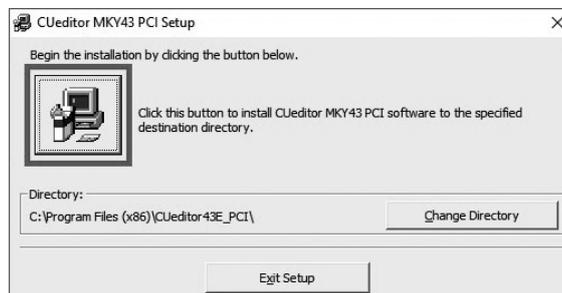
⑤. Click 'Continue' in 'CUeditor MKY43PCI - Choose Program Group' dialog box to continue.

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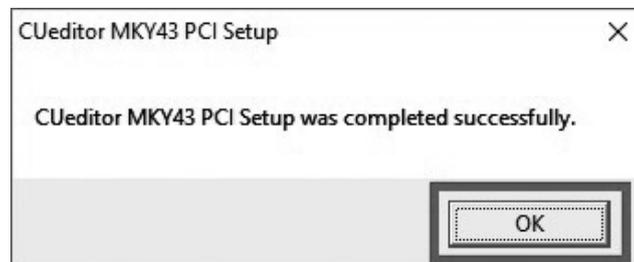
Product Specifications

Item	Description
CUnet device	MKY43 × 1 pc
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	Based on PCI Ver 2.2, 32-bit, 33MHz expansion bus, 5.0V/3.3V supported
Owned resource	16KB serial memory area (Automatically allocated by PnP)
Interrupt	1 line used (Automatically allocated by PnP)
Supported OS	Windows10 (64bit/32bit) Windows8.1 (64bit/32bit) Windows8 (64bit/32bit) Windows7 (64bit/32bit)
Power supply	DC +5.0V
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) × 64.4mm(H) ※ Not including a panel (Low Profile supported)
Accessory	Low profile bracket

Safety Precautions

⚠ Warnings / 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.
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