



Asus AAEON PER-T499 User Manual

2-port usb 3.1 pcie x4 frame grabber card

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17

Table Of Contents

18
19
20
21

•

[Table of Contents](#)

•

Bookmarks

--

[Download this manual](#)

Quick Links



PER-T499

2-Port USB 3.1 PCIE x4 Frame Grabber Card

User's Manual

st

Ed

Last Updated: April 26, 2018



[Table of Contents](#)

[Next Page](#)

1
2
3
4
5

Related Manuals for Asus AAEON PER-T499

[PCI Card Asus PCE-N53 User Manual](#)

Wireless dual-band pci-e card (for 802.11 a/b/g/n wireless networks) (35 pages)

[PCI Card Asus Wi-Fi TV User Manual](#)

IEEE 802.11 a/b/g wireless LAN adapter and digital/analog TV/FM radio tuner (60 pages)

[PCI Card ASUS PCI-SC896 User Manual](#)

2ch. Ultra2 PCI SCSI card (34 pages)

[PCI Card ASUS PS3-150 Quick Start Manual](#)

TV tuner card (5 pages)

[PCI Card Asus AAEON Myriad UP AI Core X Series Quick Installation Manual](#)

Board (11 pages)

[PCI Card Asus PCE-AC55BT Quick Start Manual](#)

802.11ac wireless dual-band with Bluetooth 4.0 PCI-E adapter (for 802.11 a/g/b/n/ac wireless networks) (2 pages)

[PCI Card Asus Hyper M.2 x16 Gen 4 Quick Start Manual](#)

(10 pages)

[PCI Card Asus S370-DL Installation Manual](#)

(8 pages)

[PCI Card Asus XONAR DX Quick Start Manual](#)

Xonar DX Quick Start Guide for English (10 pages)

[PCI Card Asus Xonar DG SI User Manual](#)

PCI 7.1 & headphone amp audio card (52 pages)

[PCI Card Asus PCE-AC56 Quick Start Manual](#)

Dual-band wireless PCI-E adapter (for 802.11 a/g/b/n/ac wireless networks) (2 pages)

[PCI Card Asus WL-130g User Manual](#)

WiFi-g 54Mbps PCI AP/WLAN adapter (46 pages)

[PCI Card Asus Xonar D1 Quick Start Manual](#)

PCI audio card (10 pages)

[PCI Card Asus ROG Xonar Phoebus Quick Start Manual](#)

7.1 channel PCI Express audio card (73 pages)

[PCI Card Asus DVI-ADD2 Installation Manual](#)

PCI Express digital display card (9 pages)

[PCI Card Asus Xonar D-Kara User Manual](#)

PCI 5.1 karaoke audio card (44 pages)

Summary of Contents for Asus AAEON PER-T499

[Page 1](#) PER-T499 2-Port USB 3.1 PCIe x4 Frame Grabber Card User's Manual 1 Last Updated: April 26, 2018...

[Page 2](#) Copyright Notice This document is copyrighted, 2018. All rights are reserved. The original manufacturer reserves the right to make improvements to the products described in this manual at any time without notice. No part of this manual may be reproduced, copied,

translated, or transmitted in any form or by any means without the prior written permission of the original manufacturer.

[Page 3](#) Acknowledgement All other products' name or trademarks are properties of their respective owners. Microsoft Windows ® is a registered trademark of Microsoft Corp. □ Intel , Platinum , Celeron , and Xeon are registered trademarks of Intel ® ® ® ®...

[Page 4](#) Packing List Before setting up your product, please make sure the following items have been shipped: Item Quantity PER-T499 □ Utility DVD for QIG (in PDF format) and Driver □ If any of these items are missing or damaged, please contact your distributor or sales representative immediately.

[Page 5](#) About this Document This User's Manual contains all the essential information, such as detailed descriptions and explanations on the product's hardware and software features (if any), its specifications, dimensions, jumper/connector settings/definitions, and driver installation instructions (if any), to facilitate users in setting up their product. Users may refer to the AAEON.com for the latest version of this document.

[Page 6](#) Safety Precautions Please read the following safety instructions carefully. It is advised that you keep this manual for future references All cautions and warnings on the device should be noted. Make sure the power source matches the power rating of the device. Position the power cord so that people cannot step on it.

[Page 7](#) If any of the following situations arises, please the contact our service personnel: Damaged power cord or plug Liquid intrusion to the device iii. Exposure to moisture Device is not working as expected or in a manner as described in this manual The device is dropped or damaged Any obvious signs of damage displayed on the device...

[Page 8](#) FCC Statement This device complies with Part 15 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. Caution: There is a danger of explosion if the battery is incorrectly replaced.

[Page 9](#) China RoHS Requirements (CN) □□□□□□□□□□□□□□□□ AAEON Embedded Box PC/ Industrial System □□□□□□□□ □□□□ □ □ □□□ □□□□□ (Pb) (Hg) (Cd) (Cr(VI)) (PBB) (PBDE) □□□ □□ □ □ □ □ □ □ □□□□ □□□□ □ □ □ □ □ □ □ □□□□□...

[Page 10](#) China RoHS Requirement (EN) Poisonous or Hazardous Substances or Elements in Products AAEON Embedded Box PC/ Industrial System Poisonous or Hazardous Substances or Elements Hexavalent Polybrominated Polybrominated Component Lead Mercury Cadmium Chromium Biphenyls Diphenyl Ethers (Pb) (Hg) (Cd) (Cr(VI)) (PBB) (PBDE) PCB &...

[Page 11: Table Of Contents](#)

Table of Contents Chapter 1 - Product Specifications	1	Specifications	2
Chapter 2 - Hardware Information	4	Dimensions	5
Jumpers and Connectors	6	List of Connectors	7
2.3.1 USB3.1 Port 1 (CN4)	8		
2.3.2 USB3.1 Port 2 (CN5)			

[Page 12: Chapter 1 - Product Specifications](#)

Chapter 1 Chapter 1 - Product Specifications...

[Page 13: Specifications](#)

Specifications System PCI-Express [x4], Gen 3 Bus Interface □ PCI Express Specification Revision 3.0 at 8GT/s 1 independent USB3.1 host controllers □ 900mA @ 5V for each port Compliant with USB 3.1 Gen. 2 specification Revision 1.0 2 USB 3.1 Type-A connectors with lockable USB Connector □...

[Page 14](#) 5 ~ 95% @ 40°C, non-condensing Storage Humidity □ Chapter 1 - Product Specifications...

[Page 15: Chapter 2 - Hardware Information](#)

[Page 16: Dimensions](#)

Dimensions 1 1 3 . 3 1 0 0 . 0 8 0 . 0 6 - M2 6 . 6 Chapter 2 – Hardware Information...

[Page 17: Jumpers And Connectors](#)

Jumpers and Connectors Chapter 2 – Hardware Information...

[Page 18: List Of Connectors](#)

List of Connectors Please refer to the table below for all of the system's connectors that you can configure for your application Label Function Connector Type USB 3.1 port USB3.1 A-type USB 3.1 port USB3.1 A-type Chapter 2 – Hardware Information...

[Page 19: Usb3.1 Port 1 \(Cn4\)](#)

2.3.1 USB3.1 Port 1 (CN4) Pin Name VCC_USB0 USB0- USB0+ USB3_RX0_N_C USB3_RX0_P_C USB3_TX0_N_C USB3_TX0_P_C 2.3.2 USB3.1 Port 2 (CN5) Function VCC_USB1 USB1- USB1+ USB3_RX1_N_C USB3_RX1_P_C USB3_TX1_N_C USB3_TX1_P_C Chapter 2 – Hardware Information...

[Page 20: Chapter 3 - Driver Installation](#)

Chapter 3 Chapter 3 – Driver Installation...

[Page 21: Product Cd](#)

Product CD The PER-T499 comes with a product DVD that contains all the drivers and utilities you need to set up your product. Insert the DVD and follow the steps in the autorun program to install the drivers. In case the program does not start, follow the sequence below to install the drivers. Step 1 –...