Release Note for linux imgctrl Version 3.7.9

Release date

2019-05-03

Description

This release note applies to version 3.7.9 of the imgctrl package.

Release history from version 3.7.7 to 3.7.9

New Features

No new features

Resolved Issues

ID	Customer tracking number	Summary	Found in version	Resolved in version
42982	42973 (Support)	imgctrl erroneously allows downgrading an NT200A01_2x100 adapter to become a 10/25/40G adapter (without possibility to revert back to 2x100G)	3.7.7	3.7.9

Known issues

ID	Customer tracking number	Summary	Found in version
42971	42816 (Support)	imgctrl doesn't support the AMD EPYC product line	3.7.4
42828		In a few instance the XR7724 power supply device flash erase require substantial longer time and the Imgctrl tool trigger a timeout and fail.	3.7.4
38869		Imgctrl does not limit load of 9519 image on NT80E3 although insufficient MAC adresses are available and driver as a consequence will not start.	3.6.0
25417		No support for FPGA image switch on NT20E2 with AVR-FW v1.0e due to lack of support of the SPI-(v1 0x0085)command FPGA SWITCH NOW, which is needed by imgctrl quick-switch. **Workaround:** If the user detects the somehow not so helpful error message: " SPIv1: Opcode 0085 returned error 80. Is the opcode supported by this AVR version? Error: Failed telling SC to quickswitch FAIL. Switching failed. Use --query to examine adapter " the user may switch the FPGA image via the following sequence: (supported from imgctrl v2.1.0.28142) " 1) . /imgctrl -a0 -s --pcirst 2) reboot 3) ./imgctrl -a0 -s --confirm "	1.7.0

Notes

Operating systems

The Napatech ImgCtrl tool version applies to these operating systems:

- Linux 3.0 -> 3.19 (64-bit)

- Linux 4.0 -> 4.20 (64-bit)

  The software has been qualified on: CentOS 7, Ubuntu 16.04LTS and Fedora 29

Hardware and FPGA image compatibility

Hardware	4GA FPGA images
NT20E3-2-PTP	200-9501-02-16, 200-9501-04-04, 200-9501-06-06, 200-9501-08-06, 200-9501-09-08, 200-9501-10-07, 200-9501-15-02, 200-9501-17-02, 200-9501-18-07
NT40E3-4-PTP	200-9502-02-16, 200-9502-04-04, 200-9502-06-06, 200-9502-06-07, 200-9502-08-06, 200-9502-08-07, 200-9502-08-08, 200-9502-09-08, 200-9502-10-07
NT80E3-2-PTP	200-9503-02-16, 200-9503-04-04, 200-9503-06-05, 200-9503-08-06, 200-9503-08-07, 200-9503-08-08, 200-9503-09-08, 200-9503-10-07, 200-9503-10-09, 200-9503-15-02, 200-9503-17-02, 200-9503-18-07, 200-9503-20-04, 200-9503-08-07, 200-9519-10-05, 200-9519-10-07, 200-9519-15-02, 200-9519-17-02, 200-9519-18-07, 200-8005-10-01, 200-8005-15-02, 200-8005-17-02
NT200A01	200-9508-05-08, 200-9508-05-17, 200-9508-06-06, 200-9508-07-06, 200-9508-07-07, 200-9515-09-08, 200-9515-09-10, 200-9515-10-07, 200-9515-15-02, 200-9515-18-09, 200-9515-20-04, 200-9516-09-08, 200-9516-09-10, 200-9516-10-07, 200-9516-15-05, 200-9516-18-09, 200-9516-20-04, 200-9531-20-12, 200-8002-09-01, 200-8002-09-02, 200-8002-09-04, 200-8002-10-02, 200-8002-15-02, 200-9512-07-02, 200-9512-08-08, 200-9512-08-09, 200-9512-09-08, 200-9512-09-10, 200-9512-09-11, 200-9512-10-07, 200-9512-15-02, 200-9512-18-07, 200-9512-20-04, 200-9522-15-03, 200-9522-18-07, 200-9522-20-04, 200-8001-08-00, 200-8001-08-01, 200-8003-09-01, 200-8003-09-03, 200-8003-10-02, 200-8003-15-02, 200-8004-10-03, 200-8004-15-02, 200-8006-15-03
NT40A01-4x1	200-9500-06-06, 200-9500-06-07, 200-9500-08-06, 200-9500-09-08, 200-9500-10-07, 200-9500-15-02, 200-9500-18-07
NT100E3-1-PTP	200-9504-01-12, 200-9505-02-16, 200-9505-04-04, 200-9505-06-05, 200-9505-08-06, 200-9505-09-08, 200-9505-10-08, 200-9505-10-09, 200-9505-15-02, 200-9505-18-07, 200-9505-20-05
NT40A01	200-9517-09-08
INTEL-A10	200-7000-12-00, 200-7000-12-02, 200-7000-12-06, 200-7001-12-00, 200-7001-12-03, 200-7001-12-06
NT200A02	200-9521-18-11, 200-9521-20-04, 200-9526-18-10, 200-9526-20-04, 200-9533-20-04, 200-9533-20-11

Hardware	3GA FPGA images
NT4E	200-9015-42-08, 200-9015-42-13, 200-9015-42-14
NT4E-STD	200-9017-42-09, 200-9017-42-10

Hardware	3GA FPGA images
NT4E-INL	200-9115-42-13
NT4E-STD-INL	200-9117-42-09, 200-9117-42-13
NT4E2-4-PTP	200-9226-46-12, 200-9226-46-13, 200-9226-48-05, 200-9226-50-03, 200-9226-50-04, 200-9226-51-03, 200-9226-51-04
NT20E2	200-9220-44-10, 200-9220-44-12, 200-9220-45-06, 200-9220-46-09, 200-9220-47-03, 200-9220-50-03, 200-9220-50-04, 200-9220-50-05
NT20E2-PTP	200-9227-50-03, 200-9227-51-03, 200-9227-51-04

NT20E3-2-PTP	200-9233-52-13, 200-9233-53-01
NT40E3-4-PTP	200-9232-50-04, 200-9232-51-04, 200-9232-51-07, 200-9232-52-13, 200-9232-53-01
NT40E2-1	200-9222-52-05
NT40E2-4	200-9221-44-13, 200-9221-50-04

Test status	Complete test plan
Documentation	See DN-0487 for documentation.
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