SpeedTouch™

330

ADSL USB Modem

Customer Release Note
Release 2.0

300 SERIES

THOMSON MULTI MEDIA

speedtouch™ ALCATEL

SpeedTouch™330

Customer Release Note

Release R2.0

3EC 17273 FBAB PVZZA Ed. 01

speedtouch™ ALCATEL

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1 The SpeedTouch™330 R2.0

Introduction

The purpose of this document is to define the released items and provide delivery information of the SpeedTouch™330 ADSL USB modem Release R2.0.

General

This delivery introduces the SpeedTouch™330 Release R2.0 ADSL USB modem as an addition to the existing range of THOMSON multimedia's DSL products.

Key features

The SpeedTouch™330 R2.0 key features are:

- Introduction of a new product, called SpeedTouch™330
- Focused on demanding High-speed Internet users. Specially designed for:
  - High quality video applications
  - Faster downloads
  - Seamless integration with most popular multimedia applications
- USB Bus supports:
  - Bulk mode (current/default mode)
  - 2 Isochronous modes: 5.1Mb/s and 7.6Mb/s guaranteed bandwidth (actual bandwidth depends on bandwidth provisioning)
- Up to 8Mb/s downstream, 832kb/s upstream for ADSL/POTS
- Full WHQL compliancy for Microsoft Windows XP
- The software features backwards compatibility with the SpeedTouch™USB ADSL/POTS and SpeedTouch™USB ADSL/ISDN USB modems.

Basic features

The key features come on top of the DSL data features delivered by THOMSON multimedia's range of existing SpeedTouch™ USB software releases for Microsoft Windows Operating Systems.

For a complete presentation of the product's features please check the SpeedTouch™330 Data sheet.

2 Release History

Release overview

The existing SpeedTouch™330 releases are depicted in following table:

	Operational Codes	Remarks
R1.x.x	ADSL/POTS Platform: ADNU-A ADSL/ISDN Platform: ADNU-B	Previous SpeedTouch™USB releases
R2.0	ADSL/POTS platform: ADNU-C Driver SW: GJ2EAA2.007 Profiler: GNGEAA2.001 Web Upgrade: KUUUAA2.007	Introduction of the SpeedTouch™330 and the Release R2.0 driver Software Fully backwards compatible with previous SpeedTouch™USB platforms (ADNU-A, ADNU-B)

Operating System Support

Microsoft Operating Systems:

	WIN 95	WIN98 WIN98SE	WinME	WinNT4	Win2000	WinXP
R2.0	-	✓	✓	-	✓	✓

3 Deliverables

Introductory Note

The SpeedTouch™330 offers full customizability, both regarding software settings and the contents of the delivery package.

For more information see the SpeedTouch™330 Operator's Guide or contact your local sales contact.

3.1 Product Codes

Product Codes

Area	Item number	Description
-	3EC 18607 NGAA ICS01	SpeedTouch™330 without CD-Rom

3.2 Documentation

General documentation

Item number	Description
3EC 36713 CAAA TCZZA Ed. 01	SpeedTouch™330 Operator's Guide
3EC 36718 BAAA TCZZA Ed. 01	SpeedTouch™330 Diagnostics Guide
3EC 17273 FBAB PVZZA Ed. 01	SpeedTouch™330 Customer Release Note Release R2.0

PPP Setup and User's Guides

Item number	Description
3EC 36714 BAAA TCZZA Ed. 01	SpeedTouch™USB/330 PPP UG English
3EC 36714 BBAA TCAAB Ed. 01	SpeedTouch™USB/330 PPP UG French
3EC 36714 BCAA TCAAC Ed. 01	SpeedTouch™USB/330 PPP UG German
3EC 36714 BDAA TCAAD Ed. 01	SpeedTouch™USB/330 PPP UG Spanish
3EC 36714 BEAA TCAAE Ed. 01	SpeedTouch™USB/330 PPP UG Portuguese
3EC 36714 BFAA TCAAF Ed. 01	SpeedTouch™USB/330 PPP UG Italian
3EC 36714 BSAA TCAAS Ed. 01	SpeedTouch™USB/330 PPP UG Swedish
3EC 36714 BVAA TCAAV Ed. 01	SpeedTouch™USB/330 PPP UG Dutch

RFC1483 Bridged Setup and User's Guides

Item number	Description
3EC 36716 BAAA TCZZA Ed. 01	SpeedTouch™ USB/330 RFC1483 UG English
3EC 36716 BBAAA TCAAB Ed. 01	SpeedTouch™ USB/330 RFC1483 UG French
3EC 36716 BCAA TCAAC Ed. 01	SpeedTouch™ USB/330 RFC1483 UG German
3EC 36716 BDAA TCAAD Ed. 01	SpeedTouch™ USB/330 RFC1483 UG Spanish
3EC 36716 BEAA TCAAE Ed. 01	SpeedTouch™ USB/330 RFC1483 UG Portuguese
3EC 36716 BFAA TCAAF Ed. 01	SpeedTouch™ USB/330 RFC1483 UG Italian

3.3 Software Versions

Platform Software

ADNU-C Software Components		
Component	Item number	Remarks
Windows OS software	GJ2EAA2.007	R2.0
Profiler application	GNGEAA2.001	R2.0
Windows Web Upgrade application	KUUUAA2.007	R2.0

4 Restrictions

4.1 Microsoft Windows OS Driver Restrictions

1. Upgrading the PC's OS from MS Windows 98 to MS Windows 2000 or MS Windows XP.

Problem	After upgrading the PC's OS, the SpeedTouch™330 drivers stop to function correctly.
Workaround	Re-install the SpeedTouch™330 drivers on your MS Windows 2000 or MS Windows XP PC.

2. A third Party PPPoE client connection is lost after exiting suspend mode.

Problem	If the PC exits suspend mode, the third party PPPoE client application erroneously displays the connection to be up and running.
Workaround	Close and re-open the PPPoE client connection.

3. UHCI USB host controller problem.

Problem	The SpeedTouch™330 drivers do not work on MS Windows 2000 dual processor systems using a VIA UHCI USB host controller chip. On MS Windows XP systems this is no longer a problem.
Workaround 1	Use a PCI plug-in OHCI USB card.
Workaround 2	Upgrade the MS Windows 2000 system to MS Windows XP.

4. The MS Microsoft Windows VPN (ATM) adapter can not run on top of the SpeedTouch™330.

Workaround	None.

5. Windows 2000 and Windows XP Interleaved mode ADSL line throughput problem with line speeds > 4.2Mb/s.

Problem

The maximum throughput of the SpeedTouch™330 operating on an Interleaved mode ADSL line with a line speed > 4.2Mb/s is limited to maximum 3Mb/s on Windows 2000 and Windows XP systems.

In Fast mode there is no problem.

Workaround

The problem is caused by the Operating System's TCP window size settings.

Changing the TCP windows size from 32k to 42k solves the problem.

4.2 Profiler/Customization Restrictions

1. Silent installation restriction.

Problem	In case a fresh installation is started from a customized CD-Rom with the following customization settings: Gui=0, Install=0, Upgrade=0 and Remove=0 in the setup.ini file, the installation will fail.
Workaround	Use the following settings in the setup.ini file instead for a correct behavior: Gui=0, Install=1, Upgrade=1 and Remove=1.