3G17WN Firmware Release Notes

Product Name: 3G17WN
Firmware Version: 1.0.52.0
Date: 14/10/2011

Information

<table>
<thead>
<tr>
<th>NetComm Product Name</th>
<th>3G17WN</th>
</tr>
</thead>
<tbody>
<tr>
<td>NetComm Product Description</td>
<td>3-port 3G USB 11n WiFi Router</td>
</tr>
<tr>
<td>Firmware Version</td>
<td>1.0.52.0</td>
</tr>
<tr>
<td>Official / Beta Firmware</td>
<td>Official Release</td>
</tr>
<tr>
<td>File Name</td>
<td>ntc_3g17wn_1.0.52.0.dat</td>
</tr>
<tr>
<td>File Size</td>
<td>4.11 MB</td>
</tr>
<tr>
<td>MD5 Checksum</td>
<td>010618D248FD8366DD6330535E6F0DC7</td>
</tr>
<tr>
<td>Date</td>
<td>14th of October 2011</td>
</tr>
</tbody>
</table>

Upgrade Instruction

Please ensure that your 3G USB Modem is not attached to NetComm Router during the upgrade process as this may damage the router and render it as unusable.

1. Plug the power adapter to turn on the 3G17WN.
2. Allow 60 – 120 seconds for the 3G17WN to power up.
3. Connect the computer to Ethernet port on the 3G17WN.
4. Open the web browser (Internet Explorer, Firefox, etc) on the computer, type in http://192.168.20.1 on the address bar, then press Enter.
5. Type in the System Password (the default one is admin for both User Name and Password) then press Submit.
6. Click Administration and then click Update Firmware on the top menu.
7. Press the Browse button and load the latest firmware.
8. Click Apply to proceed. It will take a few minutes to proceed upgrading until the status bar reaches 100%.
9. Do not turn off the router during the upgrade.
10. 3G17WN will reboot itself once the upgrade is done.
11. Please reset 3G17WN to factory default after it reboot.
New Features

1. Additional 3G USB dongle compatibility:
   a. Huawei E173u-2
   b. Huawei E153
   c. Huawei K3771
   d. ZTE K3565-Z
   e. ZTE K3571-Z
   f. ZTE K3765-Z
   g. ZTE MF180
2. New Auto-APN algorithm which provides faster APN auto detection
3. New 3G failover algorithm
4. Data Roaming notification

Bug Fixes

1. 3G service type on the Status page might occasionally display the connection connect via 2G but actually connected to 3G.

Known Issue

- None

Version History

1.0.35.0
- New Features
  None
- Bug Fixes
  1. The incorrect partition offset is fixed
- Known Issue
  1. 3G service type on the Status page might occasionally display the connection connect via 2G but actually connected to 3G.

1.0.34.0
- New Features
  1. Additional 3G USB dongle compatibility:
     a. Sierra Wireless USB 308 BP (bigpond)
     b. Sierra Wireless USB 301
3G17WN Firmware Release Notes

Product Name: 3G17WN  
Firmware Version: 1.0.52.0  
Date: 14/10/2011

- Sierra Wireless compress 888
- Sierra Wireless USB 308 (fw: 3.0.9.0)
- Huawei E169 (fw: 11.314.xx)
- Huawei E1820
- Huawei E160E (fw: 11.609.xx)
- Huawei E1762 (fw: 11.126.xx)
- Huawei E1552
- Huawei E160
- ALCATEL X080D
- ZTE MF 3565-Z (fw: BD_P673A2V1.0.0B09)
- AnyData ADU-660W

2. Verify firmware updates for correct product code and file integrity
   Warning: Please be aware that this means that any unit upgraded to this firmware version will no longer be able to be downgraded to the previous images without support for this feature. If you wish to downgrade to an older firmware version, NetComm will need to provide a new image of the version required which supports the verification protection.

3. Additional APN supported
   a. TPG
   b. Exetel
   c. Etisalat
   d. CallPlus
   e. Slingshot
   f. Telstra Clear

4. NTP selection drop-down list box is added to help the user change the configuration more easily

5. New feature that support external system log

6. System Monitor feature has been added

- Bug Fixes
  1. Fixes the Sierra Wireless 880U drop out issue.
  2. Add in dial number *99# for Telecomm APN profile.
  3. Fill in the 3G username and password with guest/guest and PAP when select Virgin Broadband APN.
  4. The configuration menu is changed to support mouse-clicking and mouse-hovering together to support touch screen devices (iPhone, iPad).
  5. The configuration WEB page now checks the length and does not accept shorter than 8 letters.
  6. Correct the 3G status that sometimes when the dongle is pulled off, the status page still shows the “3G connection is up”.
  7. All land-line WAN interfaces (PPPoE, WAN) are given 50 metric by default so that the user can select 3G WAN interface metric to decide the priority.

- Known Issue
  None

1.0.18.0

- New Features
  1. Additional 3G USB dongle
     a. USB-306 firmware 2.0.11.5 supported (fixed)
Bug Fixes
1. Auto APN detection improved
   a. Authentication, user, password and dial number auto-detection
   b. Incorrect carriers and plan names fixed
   c. Country selection fixed to keep the user selection
2. DHCP client list fixed
3. WDS encryption
   a. WEP encryption fixed
   b. WEP encryption validate check added
4. Minor GUI bugs fixed
   a. APN display removed in the Status page
   b. Messages changed in the Status page
   c. WEP default key in the Security page
   d. Automatic gateway and DNS selection in the LAN page
   e. HTTP error fixed in the Content filtering page
   f. Language selection removed in the Management page
   g. Reboot message changed in the Management page

Known Issue
None

1.0.12.0

New Features
1. Additional 3G USB dongle
   a. ZTE MF668+
   b. Huawei K3765
   c. IPWireless USB 3G
2. Additional APN supported
   a. Telecom New Zealand CDMA
   b. Telecom New Zealand XT
   c. Dodo
   d. iPrimus

Bug Fixes
1. 3G USB configuration improved
   a. CHAP/PAP 3G Authentication selection added
   b. Custom dial number input added
2. Wireless
   a. WPA default password changed to password
   b. WPA2 supported in WDS

Known Issue
None

1.0.8.0
3G17WN Firmware Release Notes

Product Name: 3G17WN  
Firmware Version: 1.0.52.0  
Date: 14/10/2011

- New Features
  1. **Additional 3G USB dongle**
     a. Huawei E169
     b. Huawei E160E
     c. Huawei K3715
     d. Huawei K3520
     e. ZTE K3565-Z
     f. ZTE MF 633+

- Bug Fixes
  1. 3G USB dongle fixed issues
     a. Sierra dongle dropping bug fixed (Sierra 306, Sierra 885)
     b. Sierra firmware upgrade webpage added
  2. Additional APN supported
     a. Virgin mobile (Optus network)
     b. Crazy John's (Vodafone network)
     c. Blink Mobile (Optus network)
     d. Internode (internode network)
  3. APN detection changed to try all possible APNs
  4. 3G USB dongle model information added in the Status page
  5. Firmware upgrade progressive status added in the Upgrade page
  6. The rear radio switch changed not to off 3G network
  7. PPPoE incorrect information in the status page fixed
  8. Incorrect combination of encryption 802.11n fixed (WEP and TKIP removed)
  9. Occasional Ethernet port malfunction fixed

- Known Issue
  1. 3G service type on the Status page might occasionally display the connection connect via 2G but actually connected to 3G.

1.0.7.0

- New Features
  1. Australia Wi-Fi channels supported up to 13
  2. Current 3G Operation mode added in the status page
  3. PPTP and PPPoE status shown in the status page
  4. XML status page added - 3G_XML.cgi
  5. Auto-complete OFF in the 3G Internet configuration

- Bug Fixes
  1. Additional 3G USB dongles supported
     a. USB-306's new firmware M2.0.4.0 supported
     b. Sierra Wireless AirCard 880U supported
     c. Incorrect name for Optus E220 fixed
  2. WAN DMZ fixed
  3. 3GWAN DMZ fixed
  4. PPTP 3GWAN failover fixed
  5. Delete button in Wireless Security page fixed

- Known Issue
1. 3G service type on the Status page might occasionally display the connection connect via 2G but actually connected to 3G.