



Mobile TD/TTC/LTE

PC Tools for TD/TTC/LTE

NetMonitor User Guide

V1.0

Document Conventions



Note: Provides related information or information of special importance.



Caution

Caution: Indicates potential damage to hardware or software, or loss of data.



Warning: Indicates a risk of personal injury.

Document Status

Doc Status: NetMonitor User Guide

Technical Publication:

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PREFACE

CATStudio NetMonitor can monitor and play Network Interface Card(NIC) speed information.

CATStudio Online mode: Monitor NIC data In/Out speed each 1s, display the statistical data, and draw Statistical graph.

CATStudio Offline mode: Read the offline log, display the statistical data , and draw Statistical graph.

- Before playing, user can select the log's Index range.
- After playing, user can calculate the average speed in two time stamp.

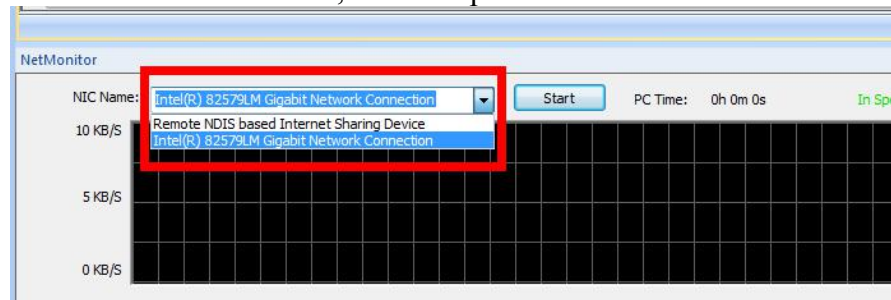
2

Online mode usage

2.1 Select one of NIC to monitor

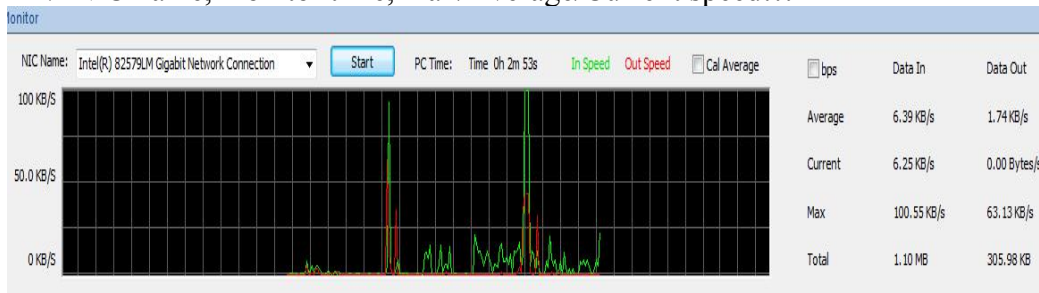
- 1、 Open CATStudio in online mode, run Netmonitor in Modules list;

- 2、 Netmonitor will list all the NICs;
- 3、 Select one of the NICs, and then press Start button:



2.2 Monitor the NIC's speed

- 1、 NIC name, monitor time, max/Average/Current speed...



2.3 Bps or bps

- 1、 Default unit is Byte:

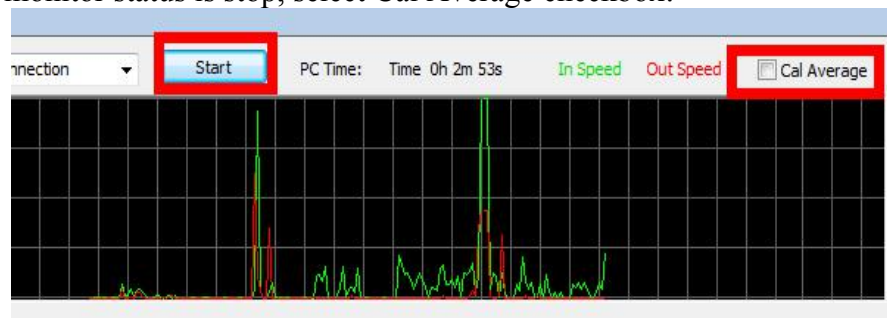
☒ bps	Data In	Data Out
Average	2.46 KB/s	657.00 Bytes/s
Current	42.78 KB/s	8.99 KB/s
Max	42.78 KB/s	11.00 KB/s
Total	430.02 KB	112.41 KB

- 2、 User can switch to bps, the unit is bit:

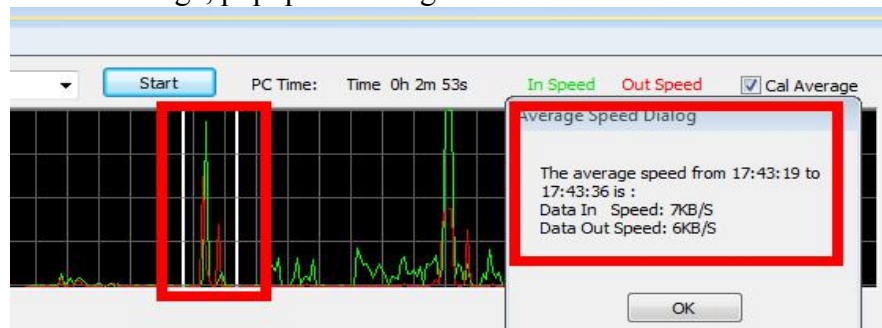
☒ bps	Data In	Data Out
Average	19.83 Kbit/s	7.56 Kbit/s
Current	77.33 Kbit/s	88.00 Kbit/s
Max	77.33 Kbit/s	88.00 Kbit/s
Total	1.07 Mbit	416.09 Kbit

2.4 Calculate Average

- 1、 If monitor status is stop, select Cal Average checkbox:



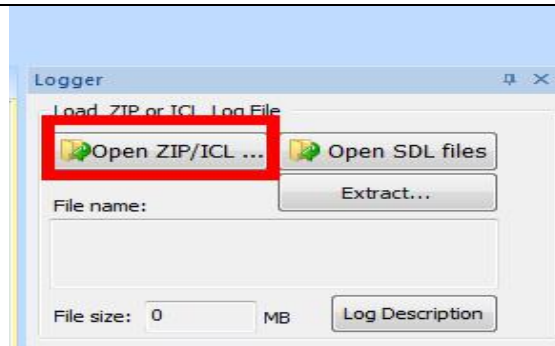
- 2、 User select the range, popup the dialog:



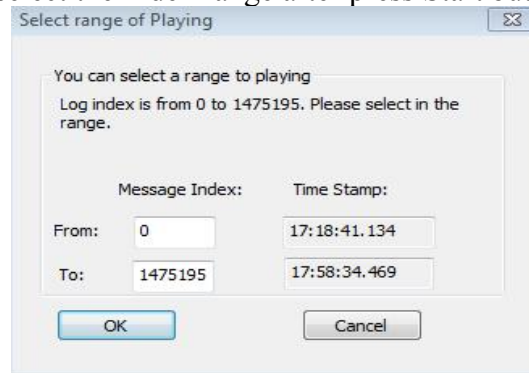
3 Offline mode usage

3.1 Select one of NIC to monitor

- 1、 Open CATStudio in offline mode, run Netmonitor in Modules list;
- 2、 Load the log file from Logger;



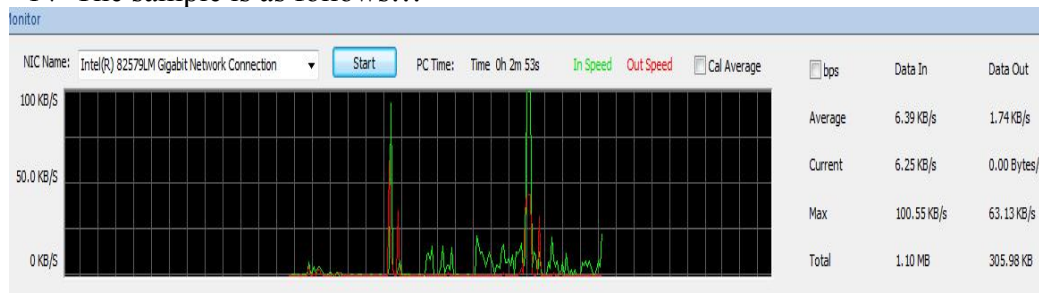
- 3、 User should select the Index range after press Start button:



- 4、 Start Playing.

3.2 Playing the NIC's speed information

- 1、 The sample is as follows...



3.3 Bps or bps

- 1、 Same with online mode.

3.4 Calculate Average

- 1、 Same with online mode.

4 Appendix

4.1 Report issues

Please visit webs: <http://support.asrmicro.com>.

Or contact ASR FAE/AE

Or please send email to lianghuxu@asrmicro.com with "PC Tools User Doc Issue/Update: ..." title

Or submit an issue at CQ web: <http://sh2-cq01.asrmicro.com/cqweb/login>.

4.2 Update this document

Please send updated document to lianghuxu@asrmicro.com with "PC Tools User Doc Issue/Update: ..." title for merging, and you will receive merged latest version.

4.3 Revision History

Rev	Description	Date
1.0	Initial version	2015/01/08