Hi,

i think max. MTU you can use is 7200. This is as defined in
http://tomoyo.sourceforge.jp/cgi-bin/lxr/source/drivers/net/ r8169.c#L70

When you set MTU from userspace, the function rtl8169_change_mtu will be called and the
supplied value is evaluated around line 2843ff and eventually set in hardware. The source is here
http://tomoyo.sourceforge.jp/cgi-bin/lxr/source/drivers/net/ r8169.c#L2838

I think this explains your problem.

Regards,

Tristan-777