**1. Release version and download file name**

The newly released program version and download file name are as follows.

[Release Version]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model | Program Name | Download file name | Language | Ver |
| pagepro 1500W pagepro 1590MF | Printer Driver  for Linux | pagepo1590mfcupswrapper-3.0.1-1.i386.deb  pagepro1590mfcupswrapper-3.0.1-1.i386.rpm  pagepro1590mflpr-3.0.1-1.i386.deb  pagepro1590mflpr-3.0.1-1.i386.rpm | EN | A |

[Download file name]

pagepro1590mfcupswrapper-3.0.1-1.i386.deb

pagepro1590mfcupswrapper-3.0.1-1.i386.rpm

pagepro1590mflpr-3.0.1-1.i386.deb

pagepro1590mflpr-3.0.1-1.i386.rpm

**2. Changes**

The following new OS are supported.

- Linux

**3. Restrictions**

Functions are limited to linux printing when compare to Windows printing environment.

**4. Programs to be applied at the same time**

There is no specific program to be applied with this printer driver.

However, using with the latest version programs is recommended.

**5. How to install program and check the version**

1. 5.1 Login as a superuser.
2. Check if pre-required procedures are completed  
   **For openSUSE**  
   **For Fedora10 64 bit**
3. Download LPR driver.
4. Install the driver.
   1. Turn on the printer and connect the usb, network..
   2. Go to the directory where the driver is.
   3. Install LPR driver.The install process may take some time. Please wait until it is complete.  **Command  :  rpm  -ihv  --nodeps  (lpr-drivername)**
   4. Check if the LPR driver is installed. **Command  :  rpm  -qa  |  grep  -e  (lpr-drivername)**
5. Confirm/Configure a file according to your connection.  
     
   1. Check the configuration filename for your distribution.  
      **Example:  
      openSUSE, Ubuntu, Debian : /etc/printcap  
      Redhat, fedora, Mandriva : /etc/printcap.local**
   2. Edit the file according to your connection.  
      **For USB Connection (Default)**  
      Check if the parameter of ":lp" is ":lp=/dev/usb/lp0"  
      **For Network Connection**  
      replace ":lp" line to the following 2 lines  
      :rm=(ip address of your printer)\  
      :rp=lp\
   3. Restart the print system.  **Command  (for  lpr):  /etc/init.d/lpr  restart  
      Command  (for  lprng)  :  /etc/init.d/lprng  restart**
6. Try a test print.

** Pre-required Procedure (1)**

**Related distributions**

openSUSE 10.3 or earlier

**Related products/drivers**

cupswrapper printer/PC-FAX drivers

**Requirement**

**"lppasswd -g sys -a root"** command is required before the installation.

(Setting the root password is required befor you can issue this command.)

** Pre-required Procedure (2)**

**Related distributions**

Ubuntu8.04 or greater

**Related products/drivers**

cupswrapper printer/PC-FAX drivers

**Requirement**

**1. "sudo aa-complain cupsd"** command is required before the installation.

**2. "sudo mkdir /usr/share/cups/model"** command (as it is) is required before the installation.

** Pre-required Procedure (3)**

**Related distributions**

Debian, Ubuntu, openSUSE, Redhat, BOSS

**Related products/drivers**

Printer drivers for pagepro 1500W & pagepro 1590MF

**Requirement**

Creating a symbolic link is required before the installation (superuser authorization is required to run the command)  
  
For Debian based distributions earlier than Ubuntu8.10, Debian5:   
**"ln -s /etc/init.d/cupsys /etc/init.d/lpd"**  
  
For Redhat based distributions and Debian base distributions greater than Ubuntu8.10, Debian5:   
**"ln -s /etc/init.d/cups /etc/init.d/lpd"**

** Pre-required Procedure (4)**

**Related distributions**

Debian, Ubuntu

**Related products/drivers**

printer/PC-FAX drivers

**Requirement (superuser authorization is required to run the command)**

**"mkdir /var/spool/lpd"** command is required if the folder does not exist.

** Pre-required Procedure (5)**

**Related distributions**

Debian 64 bit version, Ubuntu 64 bit version

**Related products/drivers**

printer/PC-FAX drivers

**Requirement**

**ia32-libs** or **lib32stdc++** is required to be installed.

** Pre-required Procedure (6)**

**Related distributions**

Distributions that do not have csh or tcsh by default

**Related products/drivers**

Printer drivers for pagepro 1500W & pagepro 1590MF

**Requirement**

**csh** or **tcsh** is required to be installed.

** Pre-required Procedure (7)**

**Related distributions**

Fedora 10, 11, 12 64 bit version

**Related products/drivers**

Printer drivers

**Requirement**

**glibc.i686** is required to be installed.

(For Fedora 12, nss-softokn-freebl.i686 is also required as a dependency)

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