Printer Driver for Ubuntu® Linux®

You can print from any application by using CUPS (Common Unix Printing System), which is the printing system for Linux.

<Hardware requirements>

To use this softwa	are, the following hardware is required.
OS:	Ubuntu® 10 / 11 / 12 / 13 / 14 / 15
Language:	English / German / French / Italian / Spanish / Russian / Polish / Portuguese / Czech
	/ Simplified Chinese / Traditional Chinese / Brazilian Portuguese / Japanese
Device:	Panasonic Multi-Function Printer KX-MC6000 / DP-MC210 / KX-MB3000 /
	DP-MB300 / KX-MB2000 / KX-MB2060 / KX-MB1500 / KX-MB2200 / KX-MB2500 /
	DP-MB250 / DP-MB310 / KX-MB2090 / KX-MB1600 / KX-MB2100 / KX-MB2571 /
	DP-MB251 / DP-MB311 / DP-MB500 series
Connection I/F:	USB or LAN interface

<File download>

mccgdi-2.0.9-i686.tar.gz (for 32bit) mccgdi-2.0.9-x86_64.tar.gz (for 64bit)

The following is explained using Ubuntu 11 (32bit) and KX-MC6020 as examples.

* When you add printer driver on Linux, execute <Setting up the printer driver>.

* When you update printer driver on Linux, execute <Uninstalling the printer driver> and <Setting up the printer driver> again.

<Installing the printer driver>

- 1) Select the downloaded file "mccgdi-2.0.9-i686.tar.gz", uncompress it by selecting "Extract Here" in the right button menu.
- 2) Open the Terminal application. ("Dash home" -> "Application" -> "Installed" -> "Terminal" in the menu)
- 3) Move to the directory where the file is uncompressed.
 - e.g.) If you uncompress the file at the desktop. \$ cd /home/user_name^{*1}/Desktop/mccgdi-2.0.9-i686

(*1 user_name: Follow the setting of the PC.)

4) Install the printer driver.

\$ sudo ./install-driver (Password may be needed.)

Close the Terminal application.

<Setting up the printer driver>

1) Connect LAN or USB cable between the PC and KX-MC6020.

2) Open "Printing - localhost". ("System Settings" -> "Printing" in the menu) Click "Add" button.

😕 🗐 🗊 Printing - localhost			
Add - C	Filter:		
There are no printers configured yet.			
Add			
Connected to localhost			

3-a) [In the case of LAN connection]

Select "LPD/LPR Host or Printer" from "Select Device" list. Input the IP address of KX-MC6020 into "Host" box. Click "Forward" button.

😣 🗖 🔳 New Printer	
Select Device	
Devices LPT #1 Serial Port #1 Enter URI ▼ Network Printer	Location of the LPD network printer Host: 10.178.15.47 Queue:
Find Network Printer AppSocket/HP JetDirect Internet Printing Protocol (ipp LPD/LPR Host or Printer Windows Printer via SAMBA	>
	<u>C</u> ancel <u>F</u> orward

3-b) **[In the case of USB connection]** Select "Panasonic KX-MC6020 (XXX)" from "Select Device" list. Click "Forward" button.

😣 🗖 🗊 New Printer	
Select Device	
Devices	Description
Panasonic KX-MC6020 (282R020	> A printer connected to a USB port.
LPT#1	
Serial Port #1	
Enter URI	
▶ Network Printer	
	<u>C</u> ancel <u>Forward</u>

* When installing the following models with the optional lower input tray, select "Enter URI" from "Select Device" list. And enter the device URI for each model.

😣 🗖 🗊 New Printer	
Select Device	
Devices	Enter device URI
LPT #1 Serial Port #1 Enter URI ▶ Network Printer	usb://Panasonic/KX-MB2500
	For example: ipp://cups-server/printers/printer-queue ipp://printer.mydomain/ipp
	<u>C</u> ancel <u>F</u> orward

URI table

Model	URI
KX-MB2510	usb://Panasonic/KX-MB2510
KX-MB2515JT/EU	usb://Panasonic/KX-MB2515_B
KX-MB2515 (except JT/EU models)	usb://Panasonic/KX-MB2515
KX-MB2538	usb://Panasonic/KX-MB2538
KX-MB2540	usb://Panasonic/KX-MB2540
KX-MB2545JT/EU	usb://Panasonic/KX-MB2545_B
KX-MB2545 (except JT/EU models)	usb://Panasonic/KX-MB2545
KX-MB2575	usb://Panasonic/KX-MB2575_B
DP-MB250	usb://Panasonic/DP-MB250
DP-MB310	usb://Panasonic/DP-MB310_B
KX-MB2571	usb://Panasonic/KX-MB2571
DP-MB251	usb://Panasonic/DP-MB251
DP-MB311	usb://Panasonic/DP-MB311_B
DP-MB545JT/EU	usb://Panasonic/DP-MB545_B
DP-MB545 (except JT/EU models)	usb://Panasonic/DP-MB545
DP-MB539	usb://Panasonic/DP-MB539
DP-MB537	usb://Panasonic/DP-MB537_B
DP-MB536	usb://Panasonic/DP-MB536

- 4) Select "Provide PPD file" from "Choose Driver". Select the PPD file in the following directory for each model. Ubuntu 10: "/usr/share/ppd/panasonic"
 After Ubuntu 10: "/usr/share/cups/model/panasonic"
 * If PPD files do not exist in it, search the following directories. "/usr/share/cups/model/panasonic"
 - "/usr/share/ppd/panasonic"

"/usr/local/share/ppd/panasonic"

Click	"Forward"	button.
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See New Printer
Choose Driver
 Select printer from database
Provide PPD file
 Search for a printer driver to download
PostScript Printer Description (PPD) files can often be found on the driver disk that comes with the printer. For PostScript printers they are often part of the Windows [®] driver.
L_Panasonic-MC6000-gdi.ppd
Back Cancel Forward

PPD file name table

	Model	
Series	Name	PPD lile
KX-MC6000	KX-MC6008 / 6015 / 6020 / 6028 / 6040 / 6255 /	L_Panasonic-MC6000-gdi.ppd
DP-MC210	6260	
	DP-MC210	
KX-MB3000	KX-MB3010CX / 3020CX / 3150CX	L_Panasonic-MB3000T-gdi.ppd
DP-MB300	DP-MB300-CX / 320-CX	
	KX-MB3010 / 3018 / 3020 / 3028 / 3030	L_Panasonic-MB3000-gdi.ppd
	DP-MB300 / 340 / 350	
	(except CX models)	
KX-MB2000	KX-MB2001	L_Panasonic-MB2001-gdi.ppd
KX-MB2060	KX-MB1900 / 2000 / 2003 / 2008 / 2010 / 2020 /	L_Panasonic-MB2000-gdi.ppd
	2025 / 2030 / 2033 / 2038	
	KX-MB2051 / 2060 / 2061 / 2062	
	KX-MB2025JT/FR/FX/GR/G/PD	L_Panasonic-MB2030C-gdi.ppd
	KX-MB2030JT/FR/FX/GR/G/PD	
	(Energy Star 2.0 supported models only)	
KX-MB1500	KX-MB1510 / 1518 / 1536 / 1558	L_Panasonic-MB1510-gdi.ppd
	KX-MB1500 / 1508 / 1520 / 1528 / 1530 / 1538	L_Panasonic-MB1500-gdi.ppd
KX-MB2200	KX-MB2230J1/EU, MB2270J1/EU	L_Panasonic-MB2200_B-gdi.ppd
	KX-MB2230 / 2235 / 2238 / 2270 / 2275	L_Panasonic-MB2200-gdi.ppd
		L Denegania MD2500 D adi and
	MD2575 IT/EU, $WD2545JI/EU$,	L_Panasonic-wbz500_b-gui.ppu
DF-10162307		
310	KY MR2510 / 2515 / 2528 / 2540 / 2545	L Papasania MR2500 adi pad
	DP-MB250	L_Fanasonic-Mb2300-gui.ppu
	(except IT/FLI models)	
KX-MB2090	KX-MB2083 / 2085 / 2088 / 2090	L Panasonic-MB2090-adi ppd
KX-MB1600	KX-MB1663 / 1665 / 1666 / 1667 / 1678 / 1679	L Panasonic-MB1600-gdi.ppd
KX-MB2100	KX-MB2120EU/JT/G/HX_MB2130EU/JT/G/HX	L Panasonic-MB2100 B-gdi ppd
TOX MB2100	MB2170EU/JT/G/HX	
	KX-MB2110 / 2117 / 2120 / 2128 / 2130 / 2137 /	L Panasonic-MB2100-gdi.ppd
	2138 / 2168 / 2170 / 2177 / 2178	
	(except EU/JT/G/HX models)	
KX-MB2571	KX-MB2571	L_Panasonic-MB251-gdi.ppd
DP-MB251 /	DP-MB251	_ 0
311	DP-MB311	L_Panasonic-MB311_B-gdi.ppd
DP-MB500	DP-MB545JT/EU	L_Panasonic-MB545_B-gdi.ppd
	DP-MB539 / 545 (except JT/EU models)	L_Panasonic-MB545-gdi.ppd
	DP-MB537	L_Panasonic-MB537_B-gdi.ppd
	DP-MB536	L_Panasonic-MB536-gdi.ppd

5) Modify the printer options in "Installable Options", if necessary. Select the input tray count in "Number of Paper Tray". (If you have the optional lower input tray, this count is "2".)

Select the duplex unit information in "Duplexer". (If you have the automatic duplex unit, this is "Installed".)

Click "Forward" button.

😣 🗇 💷 New Printer	
Installable Options	
This driver supports additional hardware that	may be installed in the printer.
Number of Paper Trace 2	
Duplexer: Installed	
	Back Cancel Forward

6) Modify the printer name in "Printer Name" box, if necessary.

Click "Apply" button.

The printer driver installation is completed.

😣 🖨 💷 New Printer
Describe Printer
Printer Name Short name for this printer such as "laserjet"
Panasonic-KX-MC6000series
Description (optional) Human-readable description such as "HP LaserJet with Duplexer"
Panasonic KX-MC6000series
Location (optional) Human-readable location such as "Lab 1"
GCG2QM00021-0001
<u>B</u> ack <u>Cancel Apply</u>

<Information for printing>

1) There are 2 types of printer settings: The setting in each application and "Panasonic Printer Setting". If these settings are different, the setting in the application has higher priority.

"Panasonic Printer Setting" can be executed by "Dash home" -> "Application" -> "Installed" -> "Panasonic Printer Setting" in the menu.

You can change the details of the printer settings from "Basic", "Output", "Job Type" and "Quality" tabs.

In "Basic" tab, you can set additional printing layout by selecting from "Pages per Sheet", "Booklet", "Fit to Output", "Zoom" and "Poster" icons.

😣 🖻 💷 Panasonic Printer Setting			
Printers	Basic Output Job	Type Quality	
Panasonic-KX-MC600	Paper Size :	A4 210.0 x 297.0 mm	-
	Orientation :	Portrait	-
	Output Paper Size :	Same as Paper Size	-
	Media Type :	Plain Paper	*
_	Paper Source :	Automatically Select	\$
	Duplex :	None	\$
	Duplex Margin :	0.0 ‡ (0.0 - 2.0 in.)	
	Layout Print :None		
			\triangleright
R 🏀	estore Defaults	Apply OK Can	cel

- 2) For the setting items not included in the applications, the items in "Panasonic Printer Setting" are used as default.
- 3) When you cannot print as the settings in the application, set the same items in "Panasonic Printer Setting"
- 4) When you add the optional lower input tray or the automatic duplex unit, open the Printer Setting in the OS's "Printing - localhost" ("System Settings" -> "Printing" in the menu) and change the items in "Installable Options" same as No.5 of the above in <Setting up the printer driver>.
- 5) The Printer Setting in the OS's "Printing localhost" ("System Settings" -> "Printing" in the menu) is unavailable except in situation No.4 of the above. Instead, use "Panasonic Printer Setting".
- 6) Due to OS or printing system limitation, there are cases where you cannot print as the settings.

<Uninstalling the printer driver>

- 1) Open the Terminal application. ("Dash home" -> "Application" -> "Installed" -> "Terminal" in the menu)
- 2) Uninstall the printer driver.
 Execute "uninstall-driver".
 \$ sudo /usr/local/share/panasonic/printer/uninstall-driver
 Close the Terminal application.
- 3) Open "Printing localhost". ("System Settings" -> "Printing" in the menu) (Password may be needed.)

Select "Panasonic-KX-MC6000series", and select "Delete" in the right button menu. Close "Printing - localhost".

800	Printing - localhost		
🛖 Add	· C	Filter:	
Panaso	nic-KX-MC6000series		
Connecte	d to localhost		

* When you delete one printer driver only, execute No.3 only of the above.

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