



Chromebook Printing On Toshiba MFP



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Printing to Toshiba MFPs in the Chrome OS Environment

The steps below represent the supported method of printing to Toshiba e-BRIDGE Next (eBN) MFPs from the Google Chrome OS operating system that runs on Chromebook. This method relies on the Bonjour protocol for local network access and IPP services on the MFP. Finishing options such as, Hole Punch or, Staple are provisioned automatically by Chrome OS through IPP zero config device discovery when those options are installed on a Toshiba MFP.

Printing from Chrome OS Requirements:

- Chrome OS version 86.x (or later)
- Toshiba e-BRIDGE Next MFP Firmware: SYS1600
- Toshiba e-BRIDGE Next MFP Settings
 - Chrome OS Print (Bonjour) = Enabled
 - IPP = Enabled

Successful network discovery by Chrome OS requires that MFPs and the Chromebook computers reside in the same network segment and that broadcast protocols (such as Bonjour) are allowed over the Wired / Wireless Local Area Network.

| Note: Chrome OS Print may be enabled or disabled in TopAccess Administration under, Setup on the Network page as shown below. This feature is new to FW 1600. | | | | | | |
|---|--------------------------------|--|--|--|--|--|
| Bonjour | | | | | | |
| Save | | | | | | |
| Enable Bonjour *AirPrint cannot work if this setting is set to | Enable V Disable. | | | | | |
| Link-Local Host Name | MFP13490970 | | | | | |
| Service Name | TOSHIBA e-STUDIO7518A-13490970 | | | | | |
| Chrome OS Print | Enable 🗸 | | | | | |
| | | | | | | |

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Part I. Chrome OS - Adding Printers



Step 1. Locate the Chrome OS Settings (cogwheel) by clicking into the lower right corner of the desktop. Click on the unlabeled setting button as shown in the image below.

Step 2. Click on Advanced at the bottom of the settings window.

| | Settings | Q. Search settings | | × |
|---|---|---|----------|---------------|
| | Settings Network Bluetooth Connected devices People Device Personalization Search engine III Apps OLinux (Beta) About Chrome 05 | Change device account image Wallpaper Open the wallpaper app Search engine Preferred search engine ③ Apps Manage your apps Geogle Play Store Install apps and games from Google Play on your Chromebook. Learn more Linux (Beta) Linux Run Linux tools, editors, and IDEs on your Chromebook: Learn more | Google | |
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Step 3. Open the Printing section

| | | | - 0 | × Correction |
|----------------|----------------------|--|-----|-------------------|
| | Settings | Q. Search settings | | |
| | P Network | Languages and input | | |
| | 孝 Bluetooth | Languages and input | | |
| | Connected devices | English (United States), Alphanumeno input (for Japanese Keyboard) | 2.2 | aber |
| | 2 People | Files | | |
| | Device | Disconnect Google Drive account | (m) | 1000 |
| | Personalization | A second or associate ear manifestation ease | | |
| C. Stream of | Q. Search engine | TELEVITE HIS SHIRES. | | |
| | III Apps | Printing | | |
| 1.0 | C Linux (Beta) | Printers | | |
| and the second | Advanced - | Driet lab. | | |
| | O Date and time | View and manage print jobs | | |
| | Privacy and security | | | |
| | Languages and input | Accessionry | | real and a second |
| | 🗖 Files | Always show accessibility options in the system menu | ()= | AT THE REAL |
| | Printing | Manage accessibility features | * | |
| (AS | T Accessibility | Enterna association of reactions. | | |
| | About Chrome OS | | | |
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Step 4. Chrome OS will automatically attempt to discover printers on the local area network. Printers must reside in the same network segment. It may take up to 2 minutes to display all the available printers. Click the "Set Up" button to the right of the desired printer.

MFPs that have previously been "Set Up" may be re-added by clicking "Save", instead.

| | Settings | Q. Search settings | | × |
|------|--------------------------------------|--|--------------------|---------------------|
| | Network | ← Printers | Q. Search printers | |
| | Bluetooth Connected devices | Add printers to your profile | | |
| | 2 People | Save detected printers to your profile, or add a new printer. Learn more | | |
| | Device | Add printer | Ô | |
| No. | Personalization Q. Search engine | TO2418A 6-3 TUDIO03 IBA-13403999 | Setup | Same and the second |
| | III Apps | | | |
| 1 | C Linux (Beta) | | | |
| | Date and time | | | |
| 1517 | Privacy and security | | | |
| | Files. | | | J.Z.A.S.A |
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| | Accessibility | | | |
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Chrome OS will automatically add the stapler and hole punch if, it is detected. After Chrome OS has setup the printer, exit the Settings app.



Step 5. Open the desired application that the end user wishes to print from. Open the "Customize and control Google Chrome" button in the upper right corner and choose the Print menu option to display the print dialog.



Step 6. The Chrome OS print destination drop down displays recently used destinations and will not be automatically populated with the printer just added. You will need to select the "See more" option from the list.

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Step 7. The Select a destination window will appear with installed printers. Select the desired printer.

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Step 8. The selected printer will now appear in the destination selection. Open the More settings area to see additional print options and the supported finishing features.

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Only the supported print features will be available. There is no way to extend the available features.



Part II – Information About Printing with Chrome OS

Here are some additional details including limitations related to Printing from Chrome OS.

1. MFP functions currently supported:

- Orientation
- Color/Mono
- Copies
- Duplex
- Paper size
- Paper type
- Source tray
- Staple (If staple unit is installed)
- Punch (If punch unit is installed)

Note: For the details of the Chrome OS exclusive printing functions, see the information of Chrome OS.

2. Print setting procedure

For the details of the printer registration method, refer to the Help page of Google. <u>Set up your printer - Chromebook Help (google.com)</u>

3. Cautions

IPP is used for printing from Chromebook. The IPP service in our products is in accordance with AirPrint and Mopria. Since the printing options displayed on the user interface vary depending on the version of Chrome OS, this may change if the version is upgraded.

For the details of the performance of Chromebook, see the Help page of Chrome OS. <u>Set up your printer - Chromebook Help (google.com)</u>

4. Restrictions

[lssue]

When punching and stapling are specified during printing of a landscape original, they will not be made in the appropriate position.

[Workaround]

There is no workaround. This issue occurs on Chrome OS side.

[lssue]

When "Job Sheet" is selected, only cover pages are printed. No body pages are printed. [Workaround]

It is necessary to perform printing the cover and body pages as separated jobs.



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