Link to compatibility matrix tool: Click here.

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Introduction

The current compatibility matrix allows users, typically Cisco customers and sales, to determine what transceivers are supported in Cisco hardware devices such as switches/routers and line cards/modules. The information is displayed in a table format that is rigid and hard to find.

The new compatibility matrix tool will allow the user to have an interactive experience by permitting specific search or query options, and selecting the type of outputs desired. The application features follow conventions frequently used today with expected behaviors. Thus, the features are user intuitive and do not require extra training.

TMG Compatibility Matrix Tool Landing Page

- Type: https://tmgmatrix.cisco.com/home to arrive at the TMG Compatibility Matrix Tool landing page to begin using the application
- Enter: any Network Device Product Family, Network Device Product ID, Transceiver Product Family, Transceiver Product ID, Data Rate, Reach, Cable Type, Form Factor at the search window
Search Window Example

- Enter: QSFP100
- The application will suggest a category to choose from, in this case, Transceiver Product Family
- Click: on the highlighted category
- OR, hit the Enter key
There are 5 main areas

1. Main Search and Filters Selection windows
2. Category Filters
3. Export options
4. Pagination (Page Number or Next Page)
5. Results table
Access Notes using Mouse-over / Hover

- More information is shown when you mouse over or hover over the Notes icon next to the Transceiver Product ID items
Expandable Filter Categories

- You can expand the Filter categories by clicking on the + icon.
Display More Filter Categories

- Expanded Filter categories will display up to four items
- Click: +__ more will display the rest of the Filter categories
The filter categories on the sidebar will not appear again in the pop-up box (circled in RED)

The heading allows you to select the first character of the items listed to reduce or narrow those items you are interested in
Exporting Search Results

- There are three types of files or formats the search results can be exported to
  - Excel
  - PDF
  - CSV / Text
- Click on any of the three file export icons located at the top right of the landing page

Exporting Search Results to Excel File

- Clicking on the Excel File export icon will allow you to save a softcopy of the search results
Search Result in Excel File Format

- To use the Excel file, you must click on the “Enable Editing” button highlighted in the YELLOW band
Excel File Search Refinement using FILTER

- Select the first cell of the header row
- Click on the “Sort and Filter” button and select “Filter”
In this example, we are selecting from the Network Device Product ID.
Clicking on the PDF File export icon will allow you to save a softcopy of the search results.

The PDF file reflects the search result table.

If you click on the Network Device Product Family heading(s), you will be brought to heading section in the search result table in the PDF.
Search Result in CSV or Text File Format

- Clicking on the CSV File export icon will allow you to save a softcopy of the search results
Removing Filter Categories from Filter Bar

- In this example, 25km filter category in the filter bar
- You can remove it by clicking on 25km and QSFP100 buttons
- Or, CLEAR ALL button
Search Window in Filter Category

- Typing in the search window will narrow the items in the filter category
- In this example, if you type “2” in the Reach category...
- ...only items with “2” in it will be shown
- You can then check the box(es) of your choice
Pagination

- When the search results exceed the display length, you can go to the next page by clicking on
  - the page number
  - “Next” button

Datasheet Links for Network Device and Transceiver Product ID

- You can access the datasheet for Transceiver Product ID by clicking on it (highlighted in BLUE)
- In this example, we are looking for QSFP-100G-SR4
- You can see the webpage link at the bottom of the display
QSFP- 100G Modules Data Sheet Example
Datasheet Links for Network Device and Transceiver Product ID

- You can access the datasheet for Network Device Product ID by clicking on it (highlighted in BLUE)
- In this example, we are looking for N9K-C92160YC-X
- You can see the webpage link at the bottom of the display

Cisco Nexus 9000 Data Sheet Example