



How to accelerate JPEG compression and decompression

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It is possible to accelerate JPEG compression and decompression by replacing the default libjpeg^[1] library with the libjpeg-turbo^[2] library that uses the Arm[®] NEON[™] technology.



1 How to check the libjpeg-turbo installation

```
Board $> dpkg -l | grep jpeg
...
Hardware accelerated JPEG compression/decompression library
...
```



2 How to add the libjpeg-turbo in your distribution

Please refer to the OpenEmbedded libjpeg-turbo recipe documentation^[3]



3 References

- <http://libjpeg.sourceforge.net/> libjpeg official web site
- <https://libjpeg-turbo.org/> libjpeg-turbo official web site
- <https://layers.openembedded.org/rrs/recipe/recipe/OE-Core/45003/> OpenEmbedded libjpeg-turbo recipe documentation