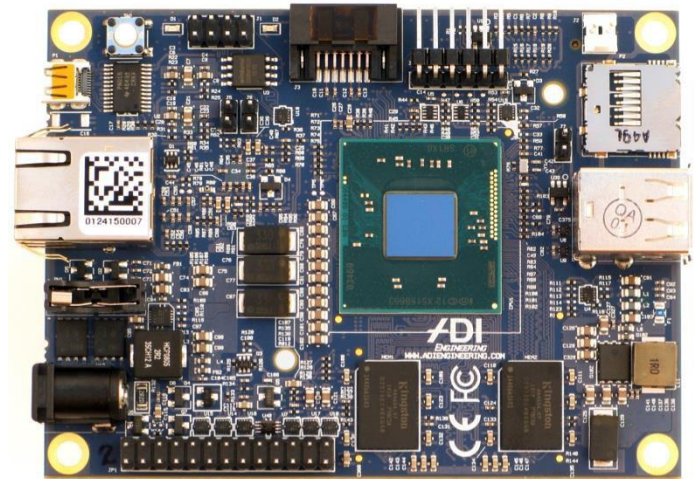


MinnowBoard Turbot is an enhanced MinnowBoard MAX compatible board that brings FCC and CE certification, increased performance, and robustness to the MinnowBoard family. The expandable open-source hardware design of MinnowBoard Turbot provides endless possibilities for customization and integration. With its regulatory compliance and enhanced design, MinnowBoard Turbot is no longer just for developers and makers, but can be confidently deployed by OEMs and across an incredibly diverse range of commercial applications.



### MinnowBoard Turbot Software Support

- Debian GNU/Linux
- Windows 10
- Windows 8.1
- Android 4.4
- Ubuntu
- Yocto Project Compatible
- CoreBoot / SeaBIOS
- UEFI System Boot Firmware

### Customized MinnowBoards from Silicom Connectivity Solutions

Need a custom version of MinnowBoard Turbot or a Lure expansion card? Silicom delivers high-quality, low-cost, first-to-market Intel-based products for emerging megatrends. Driven by industry shifts toward SDN, NFV, IoT, network edge virtualization, cloud computing, and open source, Silicom delivers next-generation platforms with the highest quality and performance, targeted feature sets, and low price points.

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### MinnowBoard Turbot Feature Set

Feature	MinnowBoard Turbot
<b>CPU</b>	Intel Atom E3826, Dual-Core 1.46GHz
<b>DRAM</b>	2GB DDR3L 1333 MT/s, soldered to board
<b>Ethernet</b>	1x 1Gb RJ45
<b>Video</b>	Intel HD Graphics 1x microHDMI video output
<b>Storage</b>	1x SATA2 1x MicroSD
<b>I/O Connectors</b>	8x buffered GPIO
<b>Expansion Interface</b>	MinnowBoard MAX Compatible Lure Interface High-Speed Expansion (HSE) Connector Low-Speed Expansion (LSE) Connector
<b>BootFlash</b>	8MB SPI BootFlash
<b>Console</b>	Serial via FTDI Cable
<b>BootLoader</b>	TianoCore UEFI CoreBoot / SeaBIOS
<b>Power</b>	5VDC Input via Coaxial Power Jack 5VDC Power Output
<b>Temperature</b>	Fanless operating temperature 0-40C using standard heatsink; Wider ranges possible with custom heatsink
<b>Regulatory Compliance</b>	FCC Part 15 Class A,B CE Class A IEC-60950 RoHS/WEEE