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## Why should I buy a PowerDebug X51 instead of a PowerDebug E50?

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PowerDebug X51 is simply the best debugger you can buy.

It is crucial for high-performance off-chip traces and brings improvements for remote access, powering, and production environments:

- Extendable with **PowerTrace** modules required for high performance CPU traces (like high speed serial trace (HSSTP, AGBT, SGBT), trace via PCIe, or parallel trace above 4 pins or 400 MBit/s per pin).
- Faster remote access thanks to **2.5 Gbps Ethernet**, which is supported by modern PCs and networks.
- Easier remote access to a **serial terminal** on a target, e.g. to start processes on a Linux-based target.
- More handy in vehicles and other mobile setups, thanks to **USB-C power option** (without PowerTrace).
- Save time in production environments and manually triggered tests with buttons, user LEDs, and a **stand-alone operation** mode.