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INDUSTRIAL PRODUCT DATASHEET

ZimaBoard 832-X86 Single Board Server - Hardware Router | personal cloud | Plex Media Server | Intel Celeron N3450 x86 - SATA 6.0 Gb/s for pfsense PCIe x4 - UHD output | Low post cost | High-security traffic - Pre-installed CasaOS

ZimaBoard 832 model is a low-cost single board server equipped with Intel Celeron N3450 Quad Core working distinguishingly as a 4T free charge cloud server or a 4K display media server.

SKU	UPDATED	PRICE
102110680	2026-11-11 08:47:19	$199.90(Excl. VAT)



Overview



ZimaBoard 832 model is a low-cost single board server equipped with Intel Celeron N3450 Quad Core working distinguishingly as a 4T free charge cloud server or a 4K display media server. It helps manage onboard 32GB eMMC and 8G RAM storage data at high speed and well security with the standard interface and secure VPN.

Key Features

01 **Intel Celeron N3450 Quad-Core @1.1-2.2GHz, perfect for edge intelligence and smart home projects**

02 **Onboard RAM & Storage**

up to 8G LPDDR4 RAM and 32GB eMMC

03 **Onboard PCIe x4 interface for rich expansibility & playability**

04 **Dual SATA 6.0 Gb/s Ports for HDD/SSD**

05 **Dual Ethernet Ports**

easily run OpenWrt/pfSense etc.

06 **UHD output**

4K@60Hz resolution for network streaming

07 **Pre-installed CasaOS - simple & elegant home cloud around Docker ecosystem**

08 **Ultra-low power consumption**

6W Thermal Design Power(TDP)

09 **Gunmetal blade design heatsink with passive cooling**

10 **Compatible OS**

Linux(default)/ Windows / OpenWrt / pfSense / Android / Libreelec

Product Gallery













Resource Links

- https://www.seeedstudio.com/ZimaBoard-832-X86-p-5297.html
- Zima Board User manual
- CasaOS Github Page
- Product Page
- More Tutorials

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