

# WB-N202 ALVIS

**nVidia Tegra X2**  
**Industrial grade design**  
**Fanless system**  
**4 GLAN POE (Option)**



## Features

- nVidia Tegra X2 Dual Denver 2/2 MB L2 + Quad ARM® A57/2 MB L28GB/Pascal 256 CUDA cores
- One 2.5" removable tray for HDD/SSD
- Mini PCIe - optional 3G/4G
- 4 x PoE (extension option)
- 2 x HDMI; DI x 4 / DO x 4



## Specifications

System	Module	nVidia Tegra X2 module
	CPU	HMP Dual Denver 2/2 MB L2 +, Quad ARM® A57/2 MB L2
	GPU	NVIDIA Pascal™ 256 CUDA core GPU
	DRAM	On Board 8GB LPDDR4
	BSP Storage	On-Board 32GB eMMC (eMMC5.1) for BSP
I/O	GLAN	1 x GIGA LAN with 4 ports switch-hub, support PoE function (optional)
	Display	2 x HDMI-out
	Audio	1 x Line-in & 1 x Line-out, 1 x MIC-in (3.5mm phone jack)
	USB	USB3.0 x 3, USB2.0 x 2, OTG x 1
	mPCIe	1 x mini PCIe Connector
	M.2	M.2 x1 (E-Key)
	COM	RS232/RS422/RS485 by SW select
	DIO	DI x 4, DO x 4
Storage	Socket	1 x SIM Socket / 1 x SD Slot
	SATA	2.5" HDD/SSD Removable Bay Design
OS Support	OS Support	ubuntu 16.04
Connection	WWAN (Optional)	Support by miniPCIe module
	WLAN (Optional)	Wi-Fi/BT by TX2
Power Consumption	Input Voltage	DC Jack x 1 (12V DC Input) / 54V for PoE (optional)
Environment	Operating Temperature	0°C ~ 60°C / 0°C ~ 50°C (PoE model)
Button	Power	1x Power button with LED
	Reset	1x Reset button
	Recovery	1x Recovery button
Mechanical	Dimension (mm)	254.4(L) * 200(W)*45.67(H)

## Specifications / I/O View



## Ordering Information

Part Number	Description
SWBN202	WB-N202 ALVIS
AWBN202ADP54	4 x GLAN POE with 54V adapter
AWBN202ADP12	Adapter DC12V

CONTACT SALES : [Felicia\\_Huang@Wibase.com](mailto:Felicia_Huang@Wibase.com)

[Dennis\\_Li@Wibase.com](mailto:Dennis_Li@Wibase.com)