

LEX SYSTEM AI Box: TERA-LJT001

Driving Edge AI innovation with NVIDIA®

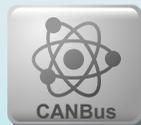
Jetson™ Nano / TX2 NX



M12



Fanless



CANBus



Edge AI



wide range
Power IN



NVIDIA
Jetson
NVIDIA
Jetson

TERA-AI

LEX SYSTYEM AI Box:TERA-LJT001



Driving Edge AI innovation with NVIDIA® Jetson™ Nano / TX2 NX

LEX SYSTYEM embedded AI box PC: TERA-LJT001 is powered by NVIDIA® Jetson™ Nano / TX2 NX Edge AI modules with on board 16GB eMMC and 4GB LPDDR4. Featuring rich I/O interfaces, it has one Micro SD slot, two USB 2.0 port, one Micro OTG USB 2.0 port, one GbE LAN, one 2.5 GbE LAN and one HDMI with 4K supported. It also has 4 x DI/ 4 DO, Mic-in/ Line-out , one RS232 and one CANBus (Jetson TX2 NX) for machine controlling. In addition, this reliable embedded system has one Nano SIM slot for 4G LTE, 5G GPS, Wi-Fi, and Bluetooth connections.

TERA-LJT001 is an ideal solution for intelligent edge AI applications, such as smart manufacturing, transportation and intelligent edge applications for video analysis, object classification, computer vision, quality control and more. Moreover, TERA AI box also provides the option of M12 I/O connectors and easy adaptable to applications in harsh environments while supporting high vibration resistance and wide operating temperatures.



Compact Edge AI Box PC with NVIDIA Jetson CPU Board

TERA - AI



Front



Back

[Data Sheet](#)

TERA - AI

*Compact Fanless AI Box :
NVIDIA Jetson CPU Board + LJT001*

Features:

- NVIDIA Jetson Nano : ARM[®] Cortex[®]-A57 MPCore (Quad Core)
- NVIDIA Jetson TX2 NX : Denver 2 (Dual Core) / ARM A57 Complex (Quad Core)
- Memory : LPDDR4 , 4GB ; 1 x HDMI , 1 x 2.5GbE ; 1 x GbE , Mic-in / Line-out
- 1 x M.2 B key , 4 x USB 2.0 ; 1 x USB 2.0 (Micro OTG)
- 1 x Micro SD , 1 x Nano SIM ; 1 x RS232 , 1 x CANBus (Jetson TX2 NX)

TERA - AI (M12)



Front



Back

[Data Sheet](#)

About LEX Comptech

Established in 1990, LEX Comptech is an industrial computer manufacturer, provides LEX SYSTEM embedded solutions include designing and manufacturing of industrial motherboards, fanless embedded systems, rugged panel PC, in-vehicle fanless PC, network appliances, machine vision and automation controllers & IoT related solutions.

LEX SYSTEM's R&D team consisted with electronics, layout, system, mechanical, BIOS, firmware as well as software engineers, plus with experienced project management, in-house manufacturing and after sales service provides ODM /OEM customized products for various application-oriented projects.

Taiwan Headquarters LEX Comptech Co. Ltd

Tel: 886 2 2228-1055
Fax: 886 2 2228-1056
Email:
lex.sales@lex.com.tw
www.lex.com.tw

Europe Sales representative LEXCOM B.V.

Tel: 31 73 687-2390
Fax: 31 73 687-2398
Email:
info@lex.com.tw
www.lex.com.tw

Russia Sales representative LEX Comptech Co. Ltd

Tel: 7 906 082-8862
Email:
anton@lex.com.tw
www.lex.com.tw

China Sales representative LEX Comptech Co. Ltd

Tel: 86 29 8623-9340 Fax: 86 29 8623-9340
Peter
手机: 18500172031 or 13823511963
E-mail: peter@lex.com.tw
Robin
手机: 15829309561 or 13379296808 同微信号
E-mail: robin@lex.com.tw