

2.5Gbps Base-T Multi Gigabit Switch, VLAN, Plug and Play

18-Port Multi Giga incl 16 x 2.5G RJ45, 2 x SFP+ 10G

Live-2TX1602

airlive®



16-port
100/1000M/2.5G

Multi-Gigabit
Auto-negotiation

Cat.5e cable
suitable

2x 10G SFP+
Uplink

ESD
protection

Plug and Play

Overview

Painless Upgrading your Network Connection to 2.5Gbps & SFP+ 10G Super High speed

The AirLive Multi-Giga switch, Live-2TX1602, supports 16 RJ45 and 2 SFP+ ports for delivering up to 2.5Gbps extra high-speed connection on RJ-45 and 10G SFP+ on fiber optic. With the 2.5G multi-Giga switch, you can connect to a variety of 2.5GbE-enabled devices, such as NAS | NVR | PC | Server | Laptop, for enjoying faster experience and handle bandwidth-hungry applications. Moreover, it provides additional and useful functions such as VLAN Security that you can set easily by its DIP switch. Designed in a slim sized solid housing, it's an affordable, space-saving solution suitable to Home and SMB network applications.



Push & DIP Switch

10/100/1000/2500Mbps RJ-45 Port

1/2.5/10G SFP+ Port

Multi Gigabit for Interconnect

With the AirLive Live-2TX1602 2.5Gbps switch, it is possible to connect several high-speed devices together via RJ-45 connections using a normal Cat.5e network cable. Higher bandwidth improves the playback quality of 4K/8K videos, prevents lag for Gaming, smooths speed when download or upload large data, increases data transfer speed when doing backup to a NAS drive. Use the 10G SFP+ as uplink to a larger network with higher speed.

Features and Specifications

- AirLive Live-2TX1602 2.5Gbps Switch with SFP+ 10G
- 16 x 10/100/1000/2500Mbps RJ45
- 2x 10G SFP+
- All ports at Multi Gigabit high speed, auto-negotiation
- Providing satisfied bandwidth for various network devices, such as online gaming, multi-media, NAS, Server system
- Super Fast 2.5Gbps RJ-45 and 10Gbps SFP+ Networking
- Existing Cat5e cable suitable, painless upgrading
- VLAN Mode: Enhanced Security
- Plug and Play, Zero configuration
- Compact size for Home or SMB Network Connectivity



2.5 Times Faster

2.5GbE is 2.5 times faster than standard Ethernet (1GbE), upgrade network performance to boost productivity.



Video Streaming

Higher bandwidth improves the playback quality of 4K/8K videos.

2.5Gbps Base-T Multi Gigabit Switch, VLAN, Plug and Play 18-Port Multi Giga incl 16 x 2.5G RJ45, 2 x SFP+ 10G



Live-2TX1602



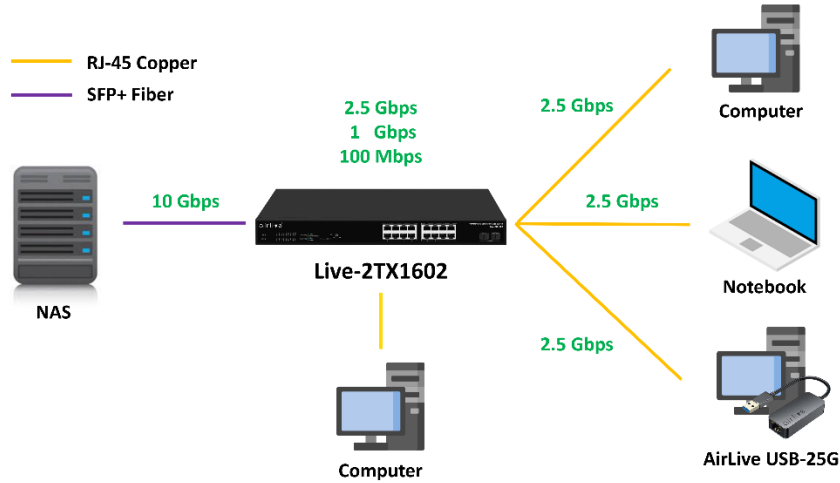
Works with existing cables

No special cables or connectors are required to take advantage of 2.5GbE. Simply use your existing CAT5e cables as normal with your new 2.5GbE infrastructure.



Gaming

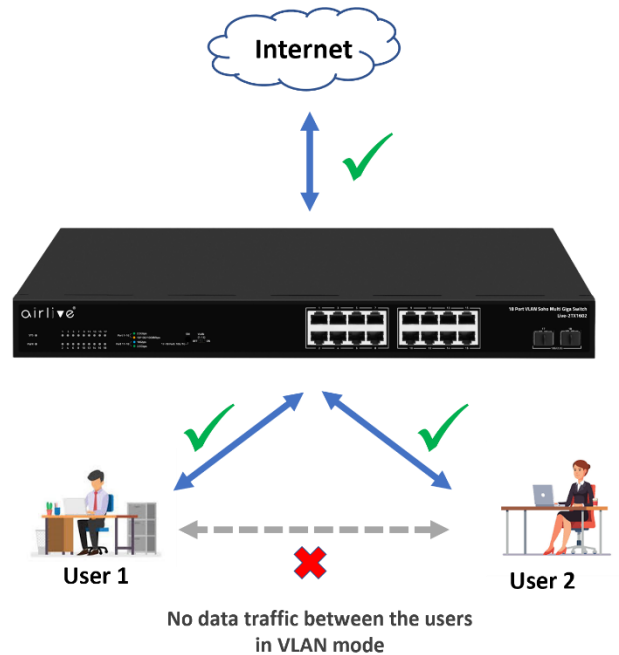
No lag when you are Gaming.



Built for High-Speed connectivity

VLAN Mode:

This additional feature gives the switch extra security for the users connected to it. The VLAN mode works as Port isolation, meaning that when it's enabled the users connected to the LAN ports cannot communicate with each other but only communicate with the UP-Link ports (port 15~18). This way there is an extra layer of security and data will not be shared between the users. This can be used in a small office to separated guests from the company network or in a home to separate tenants.



Application: VLAN Security

Model	AirLive Live-2TX1602
<p>Hardware</p> <ul style="list-style-type: none"> • Device Interface: 16 x 10/100/1000/2500 RJ45 2x 1.25G/2.5/10G SFP + 18-port totally • Standard IEEE802.3u 100Base-TX IEEE802.3ab Gigabit 1000Base-T IEEE802.3bz 2.5GBase-T IEEE 802.3z 1000BASE-X Gigabit Ethernet (optical fiber) IEEE 802.3ae 10G Ethernet (optical fiber) IEEE802.3x Flow Control and Back Pressure • Industry standard compliant EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD), IEN61000-4-5 (Surge) • LED Indicators: PWR (power supply), Link/Act (Indicator), 2.5G (Indicator). • Lightning Surge / ESD Protection: Support Surge Protection: General 6KV, Differential 2KV(level C), ESD 8KV air, 6KV contact(level C) • Mechanical Solid Metal Housing, Desktop <p>Power</p> <ul style="list-style-type: none"> • Power Input: AC 100~240V <p>Switch Architecture Performance</p> <ul style="list-style-type: none"> • Switching architecture: Store and Forward Switch Capacity: Back-plan up to 120Gbps Packet Forwarding Rate; 89.28Mpps MAC Address: 16K Transfer mode: Store and Forward MTBF:100000 hour <p>DIP Switch Control</p> <ul style="list-style-type: none"> • VLAN: Port isolation mode. In this mode ports (1~14) cannot communicate with each other and can only communicate with the UP-Link ports 15~18. • Default: Normal mode, all port can communicate with each other. <p>SFP Switch Control</p> <ul style="list-style-type: none"> • SM: SFP default speed for port 17~18 is 10G/2.5G, when you press the SM switch for about 10s, The SFP ports will change to support 10G/1G. 	<ul style="list-style-type: none"> • Transmission Distance 10Base-T: Cat3,4,5 UTP(≤250 meter) 100Base-TX: Cat5 or later UTP(150 meter) 1000Base-TX: Cat5e or later UTP(150 meter) 2500Base-TX: Cat5e or later UTP(150 meter) • Fiber Medium: 1000BASE-SX: 62.5μm MMF (Multimode optical fiber) (Minimum range: 2m~275m) or 50μm MMF 1000BASE-LX: 62.5μm/50μm MMF (Minimum range: 2m~550m) or 10μm SMF (Minimum range: 2m~5km) 2500BASE-X: G.652D SMF (Single-mode optical fiber) (Minimum range: 2m~500m or 2m~5Km) 10GBASE-SR: OM1/OM2/OM3 or above MMF (Operating range: 2m~300m) 10GBASE-LR: IEC and B1.1 and B1.3 SMF (Minimum range: 2m~10km) <p>Environment</p> <ul style="list-style-type: none"> • Operating Temperature: 0°C to +40°C • Storage Temperature: -40°C to +70°C • Working Humidity: 10%~90%, non-condensing • Storage Humidity: 5%~95%, non-condensing <p>Standard package of switch</p> <ul style="list-style-type: none"> • Product size: 44.0 x 20.4 x 4.45 cm(L*W*H) • Package size: 50.0 x 29.0 x 8.5 cm(L*W*H) • Package Weight: N.W: 2.21Kgs; G.W: 2.72Kgs • Package content: 1 x Switch, 1 x Power cord, 1 x QIG. <p>Standard carton package</p> <ul style="list-style-type: none"> • Quantity: 5pcs / 1 carton • Dimensions 52.0 x 44.5 x 31.0cm (L*W*H) • Weight 14.6Kgs (G.W) <p>Ordering Information</p> <ul style="list-style-type: none"> • Model: Live-2TX1602 • Name: 18-port 2.5Gbps Multi Gigabit Switch, incl. 16 x 2.5G RJ45 and 2x SFP+ 10G, Plug and Play, Auto-Negotiation • Related product AirLive USB-25G USB3.1/3.0 to 2.5Gbps Base-T adapter

* Specification will be changed without prior notice

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