Telindu Teli-010 Industrial Computer Datasheet

Dual Ethernet & Dual Serial Ports | Fanless | Compact Embedded System

🔷 Product Overview:

The **Telindu Teli-010** is a compact, fanless industrial-grade computer designed for embedded and automation environments.
It combines dual Gigabit Ethernet, dual serial ports (RS485/232), and multiple display outputs to meet the demands of IoT, control systems, and edge computing applications.
Its fanless aluminum chassis ensures silent operation and stable performance in harsh industrial conditions.

⚙️ Key Features:

- Intel® Core™ i5 Processor (6th / 7th / 8th Gen)
- Dual HDMI + VGA (support synchronous or asynchronous display)
- DDR4 SO-DIMM, up to 16GB
- M.2 SSD storage interface
- Dual Gigabit Ethernet ports
- Onboard SIM card holder, supports 4G module
- 2×RS485/232 serial ports
- Fanless, silent heat dissipation
- Compact chassis: 178 × 132 × 55 mm

📊 **Technical Specifications:**

Category	Specification
CPU Support	Intel® Core™ i5 (6th/7th/8th Gen)
Chipset	Intel® Platform Compatible
Memory	1× DDR4 SO-DIMM, up to 16GB
Storage	M.2 SSD (SATA or NVMe, depending on configuration)
Display Output	Dual HDMI + VGA, supports dual or triple display
Network	2× RJ45 Gigabit Ethernet Ports
Serial Ports	2× RS485/232 (configurable)
USB Ports	Up to 4× USB 3.0 / 2.0 (optional based on model)
Expansion Slot	1× M.2 (for SSD or wireless module)
SIM / 4G Support	Onboard SIM card slot, compatible with external 4G module
Cooling System	Fanless, aluminum heat-dissipating enclosure
Power Input	DC 12V – 24V (wide-range industrial input)
Operating Temp.	-10°C ~ 60°C (depends on CPU and SSD)
Dimensions	178 × 132 × 55 mm
Mounting Options	Wall-mount / DIN-rail (optional bracket)
Operating System	Windows 10/11, Linux compatible

🌐 Advantages & Typical Applications

✅ Advantages

- Compact and fanless — ideal for space-constrained or silent environments
- Dual Ethernet and serial ports — perfect for data gateways and automation
- Stable industrial-grade components for 24/7 operation
- Wide voltage input and temperature tolerance

🏭 Applications

- Industrial automation and factory control
- IoT gateways and smart edge computing
- Digital signage and monitoring terminals
- Network firewalls and communication controllers

⚙️ Mechanical Design

- Compact aluminum enclosure with efficient heat dissipation
- Fanless operation ensures zero maintenance
- Front-access I/O layout for easy installation