

Soluciones embebidas Industriales para transporte

- **Productos especialmente pensados para transporte. ¿Por qué?**
 - Certificados bajo estándares propios de automoción
 - **EN50155, EN50121:** Railway applications - Electronic equipment used on rolling stock (ferroviario)
 - **e13, ISO7637, e-mark:** In vehicle applications standard (automoción)
 - **IEC-60945:** Marine applications standard (marítimo)
 - Amplio rango de voltaje de entrada, amplio rango de temperatura operativa, anti-vibración, etc.
 - Conectores y protocolos propios de la industria: Bus CAN, conectores M12, a prueba de agua, etc.

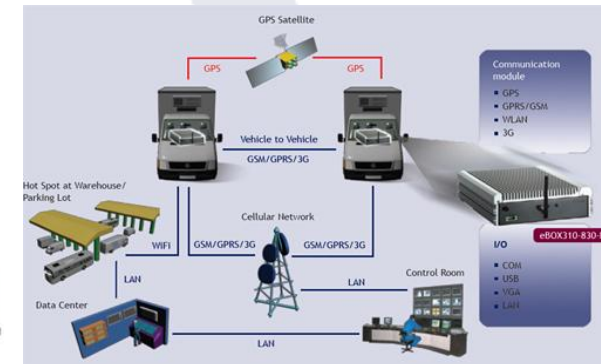
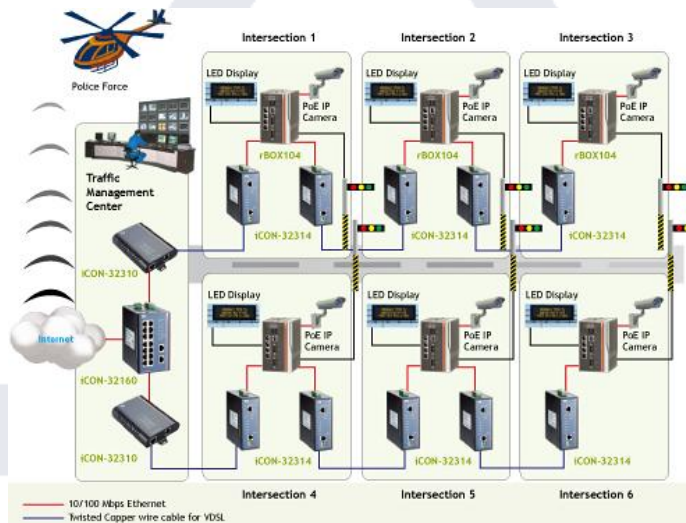


• Ferroviario



• Marítimo

• Control de tráfico



- Automoción
- Control de flotas

- **AXIOMTEK tBOX320-852-FL**
 - Fanless Embedded System with Intel® Core™2 Duo Processor up to 2.26 GHz and Intel® GM45 Chipset for Railway PC
 - Certificado y homologado con **EN50155, EN50121**
 - Supports onboard Intel® Core™2 Duo SP9300 processor up to 2.26 GHz
 - Intel® GM45 + ICH9M chipset
 - Fanless operation
 - Operating temperature range of -25°C ~ +55°C
 - 4 isolated RS-232/422/485 ports
 - High performance onboard DDR3-800/1066 2 GB DRAM
 - One 2.5" swappable SATA drive bay, 1 internal SATA drive bay and one CompactFlash™
 - 2 internal PCI Express Mini Card slots with one SIM slot
 - **Lockable I/O interface and M12 LAN connector**





• AXIOMTEK tBOX311-820

- Fanless Embedded System with Intel® Atom™ Processor Z510PT/ Z520PT up to 1.3 GHz for Vehicle PC
- Certificado y homologado con **e13, ISO7637**
- Supports Intel® Atom™ processor Z510PT (1.1 GHz) or Z520PT (1.33 GHz)
- Intel® US15WPT chipset
- Fanless operation
- Operating temperature range of -40 °C ~ +70 °C
- 1 isolated RS-232/422/485 and **1 isolated CAN bus (optional for RS-232)**
- High performance DDR2-667 SODIMM max. up to 2 GB
- One 2.5" swappable SATA drive bay and one CompactFlash™ slot
- 3 internal PCI Express Mini Card slots



• AXIOMTEK eBOX310-830-FL

- Fanless Embedded System with Intel® Core™2 Duo processor up to 2.33 GHz for Vehicle PC
- Certificado y homologado con **e13, ISO7637**
- Supports Socket M for Intel® Core™2 Duo/ Core™ Duo/ Core™ Solo/ Celeron® M up to 2.33 GHz
- Intel® 945GME + ICH7M chipset
- ISO-7637 Pulse1/2a/3a/3b/4/5a vehicle standard
- Wide-range vehicle power supply with ignition control
- Fanless operation design with full feature I/O
- High performance DDR2 SODIMM max. up to 2 GB
- Supports 2 PCI Express Mini Cards
- One 2.5" SATA drive bay and CompactFlash™ slot
- **Optional CAN bus support**



- **QUANMAX QBOX-3000**

- In-Vehicle Computer with Isolated 9~36V DC Input and Intel Atom N270 1.6 GHz CPU
- Certificado y homologado con **EN50155**
- Intel® Atom™ N270 1.6GHz processor
- Wireless communication support 3.5G, WLAN, GPS, GSM/GPRS, Bluetooth
- 9V - 36V DC Power Input with 1500VDC Isolation
- Smarter Vehicle Power Ignition for variety vehicle
- Support 2 x RS-232 with 5V/12V output
- Support 2 x DI / 2 x DO with Relay 12V / 100mA



- **VIA ART-5450**

- A fanless, ruggedized embedded box PC designed for in-vehicle and fleet management applications
- Certificado y homologado con **e-mark**
- Rich I/O support, 2 Mini-PCIe, 1 SIM slot
- GPS, Wi-Fi, Bluetooth, GPRS and 3G
- Advanced In-Vehicle power management
- Anti-shock 50G/ Anti-vibration 5G
- Wide temperature range -20°C up to 70°C



- **VIA AMOS-5430**

- Versatile fanless systems for next generation fleet management and communications applications
- Fanless Operation
- Low Power Consumption
- 20 channel GPRS module
- Bluetooth Class 2
- WLAN IEEE 802.11b/g
- PCMCIA card expansion



- **VIA AMOS-3000**

- Ultra Compact Fanless Embedded System for Pico-ITX EPIA-P700 Embedded Board
- Heavy-Duty Steel chassis
- Completely Fanless
- Custom designed for Pico-ITX
- Diverse Feature Set
- Supports from -20 up to 70°C
- Optimized integration with front and rear I/O access



- **AXIOMTEK GOT-3156T-823**

- 15" XGA TFT **Extended Temperature Fanless** Touch Panel Computer with Intel® Atom™ processor (-20°C ~ +65°C)
- Fanless cooling system with Intel® Atom™ processor Z510PT 1.1 GHz (GOT-3156T); Intel® Atom™ N270 1.6 GHz (GOT-3156TL)
- Supports wide temperature range of -20°C~ +65°C (GOT-3156T)
- Anti-vibration up to 1.3G (HDD, random)
- Supports WLAN antenna (IEEE 802.1b/802.11g) (optional)
- Easy for expansion: Mini card (USB interface)
- Over-current protection fuse
- Supports panel mount, VESA arm, desktop stand, wall mount



- **AXIOMTEK GOT-3100T**

- 10.4" SVGA TFT High Brightness Fanless Touch Panel Computer
- 10.4" SVGA (800 x 600) color TFT LCD
- Fanless cooling system with ULV Intel® Celeron® M processor 1.0 GHz
- Supports high brightness LCD s up to 600 nits (GOT-3100T)
- Anti-vibration up to 1.3G (HDD, random)
- Supports WLAN antenna
- Over-current power protection-fuse
- Supports panel mount, wall mount, VESA arm, desktop stand (optional)



- **VIA VIPRO VP7710**

- Fanless Panel PC with 10.4" Resistive Touch Screen
- Fanless and Ultra Low power consumption
- Built-in VIA Eden ULV 1.6GHz or C7 1.0GHz CPU
- 10.4" TFT LCD Panel with touch screen
- IP65 front panel compliant against water and dust
- Anti-shock design to 2.5" HDD bay and the CF socket to ensure maximum reliability
- Integrated VIA UniChrome™ ProII 3D/2D AGP graphics with MPEG-2 and WMV9 video decoding acceleration
- Support for Gigabit Ethernet, with optional Wireless LAN 802.11b/g
- Two USB 2.0 ports and three COM ports (2 * RS-232 with a 5V/12V selectable switch, and 1 * RS-422/485)



- **APLEX APC-3931**

- Fanless Panel PC with 10.4" Resistive Touch Screen
- **19" Marine Panel PC (IEC-60945)**
- 19" TFT LCD (300cd/m2) with resolution of 1280x1024
- Default Intel Celeron M 1.5GHz up to Pentium M 1.8GHz CPU
- Fanless design
- Aluminum (10mm) bezel and Stainless steel housing (Anti-Corrosion Coating)
- Optional GFG Resistive screen
- Optional optical bonding for sunlight readable solution
- Support 1 x SO-DIMM up to 1GB DDR SDRAM
- Support 1 x CD-ROM on the back side (optional)
- Support 1 x 2.5 HDD space
- AC universal power input, optional DC 11~32V power input





- **AXIOMTEK rBOX100**

- Robust DIN-rail Fanless Embedded System with Intel® Atom™ Processor Z510PT/ Z520PT up to 1.33 GHz, Intel® US15WPT Chipset and DIO
- Fanless operation
- Wide temperature operation of -40°C ~ +70°C
- Supports 2 COM ports, 2 USB ports, 1 DIO (8 in/out), VGA port
- Supports one 10/100/1000Mbps & one 10/100Mbps Ethernet with Magnetic Isolation Protection
- SNMP V1/V2c
- Support CompactFlash™
- Redundant power input with terminal block and 12 ~ 48VDC
- Supports AXView monitoring software package



- **AXIOMTEK rBOX101-6COM**

- DIN-rail Fanless Embedded System with Intel® Atom™ Processor Z510PT/Z520PT up to 1.33 GHz, Intel® US15WPT Chipset and 6 Isolated COM
- Fanless operation
- Wide temperature operation of -40°C ~ +70°C
- Supports 6 isolated COM ports, 2 USB ports, 1 DIO (4 in/out), VGA port
- Supports one 10/100/1000Mbps & one 10/100Mbps Ethernet with Magnetic Isolation Protection
- SNMP V1/V2c
- Support CompactFlash™
- Redundant power input with terminal block and 12 ~ 48VDC
- Supports AXView monitoring software package





- **AXIOMTEK rBOX200**

- Robust DIN-rail Fanless Embedded System with AMD LX800 + CS5536AF and DIO (8 in/out)
- Fanless operation
- Wide temperature operation of -40°C ~ +70°C
- Supports 2 COM ports, 2 USB ports, 1 DIO (8 in/out), VGA port
- Supports two 10/100Mbps Ethernet with Magnetic Isolation Protection
- SNMP V1/V2c
- Support CompactFlash™
- Redundant power input with terminal block and 12 ~ 48VDC
- Supports AXView monitoring software package



- **AXIOMTEK rBOX104**

- Robust DIN-rail Fanless Embedded System with Intel® Atom™ Processor Z510PT/ Z520PT up to 1.33 GHz, Intel® US15WPT Chipset and 4-port PoE
- Fanless operation
- Wide temperature operation of -40°C ~ +70°C
- Supports 4-port IEEE802.3af Power over Ethernet (PoE) Power Sourcing Equipment (PSE)
- Supports 2 COM ports, 2 USB ports and VGA port
- Supports one 10/100/1000Mbps Ethernet with Magnetic Isolation Protection
- SNMP V1/V2c
- Supports CompactFlash™
- 48VDC power input with terminal block
- Supports AXView monitoring software package



- **AXIOMTEK iCON-71000**

- 8-port 10/100Base Managed Hardened Ethernet Switch with 2-port Gigabit and SFP Options (-40°C to +75°C)
- Complies with IEC61000-6-2 EMC generic standard immunity for industrial environment
- DIP switch configuration for link failure alarm
- Full wire-speed forwarding rate
- Redundant 12 to 48VDC power inputs for 12VDC jack
- -40° C to +75°C operating temperature

- **AXIOMTEK iCON-78000**

- 10-port 10/100Base Fast Ethernet Hardened Managed PoE Ethernet Switch with up to 2-port Gigabit (-40°C ~ +75°C)
- Complies with IEC61000-6-2 EMC generic standard immunity for industrial environment
- IEEE 802.3af Power over Ethernet (PoE), 8 or 4 ports
- Supports PoE Power Sourcing Equipment (PSE)
- Proprietary "α-ring" support for network redundancy; recovery time <15 ms
- IEEE802.1w RSTP, IEEE802.1S MSTP and IEEE802.1D STP compatible
- IP Multicast Filtering through IGMP Snooping V1, V2 & V3
- Supports port-based VLAN and IEEE802.1Q VLAN Tagging and GVRP
- IEEE802.1p QoS with four priority queues
- MAC-based trunking with automatic link fail-over
- RS-232 console, Telnet, SNMP V1, V2c & V3, RMON, web browser, and TFTP Management
- Supports IEEE802.1x Security
- Redundant power inputs with terminal block and DC jack
- -40°C to +75°C (-40°F to +167°F) operating temperature range



- **AXIOMTEK iCON-32160 Series**

- 16-port 10/100Base Hardened Unmanaged Ethernet Switch (-40°C ~ +75°C)
- Compliant with NEMA TS1 & TS2 environmental requirements for traffic control equipment, UL 508 for industrial control equipment
- 1.625 M bits buffer memory 10/100Mbps-full/halfduplex, auto-negotiation, auto-MDI/MDIX
- Alarm for power failure by relay output
- Redundant power inputs with terminal block and DC jack
- Operating temperature range of -40°C ~ +75°C
- Supports DIN-rail, panel mounting installation



- **AXIOMTEK iCON-3344 Series**

- 10/100Base-TX Hardened Ethernet Extender over Coaxial Cable with M12 Connector (-40°C ~ +75°C)
- Compliant EN50121-3-2 EMC requirement
- Ethernet port: 10/100Mbps full-duplex, auto-negotiation, auto-MDI/MDIX
- M12 Ethernet port provides strong mechanical secure capacity
- IEEE802.3x flow control for full duplex
- Ten speeds with speed indicator LEDs on front panel of unit
- Up to 85 Mbps@about 200 meters (656 ft.); Down to 1 Mbps@about 2,600 meters (8,530 ft.)
- -40°C to +75°C (-40°F to +167°F) operating temperature range
- Redundant power inputs with terminal block and latched DC jack
- Supports Din-rail panel or rack mounting installation



- **AXIOMTEK iCON-32314**

- 10/100Base-TX Hardened Ethernet Extender over Copper Wire (-40°C ~ +75°C)
- Ethernet extender (RJ-11) port: Symmetrical on the VDSL, High-speed full-duplex 50Mbps communications link over existing copper telephone line
- Complies with NEMA TS1 & TS2 environmental requirements for traffic control equipment
- Complies with IEC61000-6-2 EMC generic standard immunity for industrial environment
- Redundant power inputs with terminal block and DC jack
- -40°C to +75°C (-40°F to +167°F) operating temperature range
- Supports Din-rail or panel mounting installation



- **AXIOMTEK iCON-32310**

- 10/100Base-TX Industrial Ethernet Extender over Copper Wire with Din-rail Mounting Kits and Power Adaptor (-20°C ~ +60°C)
- Ethernet extender (RJ-11) port: Symmetrical on the VDSL, high-speed full-duplex 50Mbps communications link over existing copper telephone line
- Ethernet port: 10/100Mbps-full/half-duplex, auto-negotiation, auto-MDI/MDIX
- -20°C to +60°C (-4°F to +140°F) operating temperature range
- Supports DIP switch to select local or remote site
- Supports Din-rail or wall mounting installation





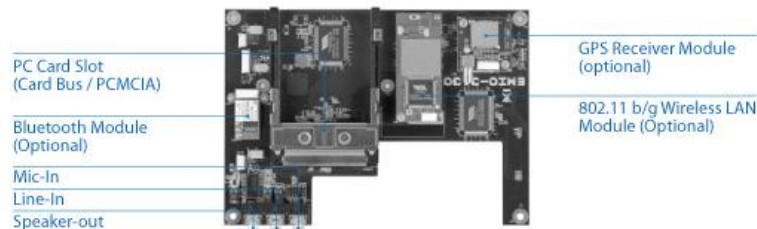
• VIA EITX-3000

- A fanless, high performance Em-ITX board that takes ultra-thin embedded devices to the hottest applications
- VIA Nano™ processor (1MB L2 Cache)
- Em-ITX form factor: 17 cm (W) x 12 cm (L)
- Dual-sided multiple I/O connector coastlines
- Em-IO expansion bus socket
- Integrated VIA Chrome9™ HC3, DX9 3D/2D graphics with MPEG-2 and WMV9 decoding acceleration
- Two single-channel LVDS display ports
- Two Gigabit Ethernet
- Two RS-232 and two RS-232/422/485
- Six USB ports
- Fanless and ultra low power consumption
- -10°C a + 70°C Operating Temperature
- 7VDC~36VDC



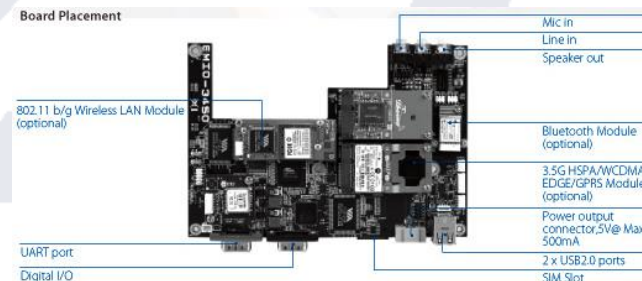
• VIA EMIO-3430

- Accesorio para VIA EITX-3000
- 1 x PC Card slot for PCMCIA or CardBus card, 1x interface socket for optional 802.11b/g Wireless LAN card ,1 x interface sockets for optional GPS module, 1xBuilt-in 6-W stereo audio power amplifier



• VIA EMIO-3430

- Accesorio para VIA EITX-3000
- GPS, Bluetooth, 3G, Wi-Fi 802.11 b/g, GPRS, Sim Card Socket, 6-W amplification. UART, GPIO ports, 4 x USB





- **VIA EPIA-P700**

- An ultra compact Pico-ITX board with Gigabit LAN, S-ATA and an integrated power adapter (10 cm x 7.2 cm)
- Integrated VIA UniChrome™ Pro II 3D/2D AGP graphics with MPEG-2 and WMV9 decoding acceleration
- Supports DDR2 533/667 SDRAM (SODIMM)
- Supports one IDE and one SATA
- Supports one Gigabit Ethernet, or manufacturing option for 10/100 Mbps Ethernet
- Supports CRT, DVI, LVDS display
- Supports one COM port
- Supports four USB 2.0 ports
- Supports HD audio
- Supports 12V DC-in
- Low profile design: All back panel I/O in pin header format except for the IDE and SATA connectors



- **VIA EPIA-P710**

- An ultra compact Pico-ITX board with Gigabit LAN, S-ATA and an integrated power adapter (10 cm x 7.2 cm)
- Pico-ITXe (Pico-ITX Express) form factor
- Integrated VIA Chrome9™ HC3 DX9 3D/2D graphics with MPEG-2 video decoding acceleration
- Supports DDR2 533/667 SDRAM (SODIMM)
- Supports two SUMIT QMS expansion connectors (USB, LPC, PCIe x1, PCIe x4, SMBus and SPI)
- Supports one Gigabit Ethernet
- Supports one IDE and one SATA
- Supports one CRT (pin header)
- Onboard LVDS support: One single channel LVDS panel support
- Supports HD audio

