

Netcom Industrial 6100 | NTE-XE 100

Built for Heat, Dust, and Hard Work.

Taiwanese Precision. Indian Resilience.

HARDWARE THAT MEANS BUSINESS.



Rugged Operational Advantages

Fanless Embedded Design

Fully enclosed aluminum alloy structure using conduction heat dissipation to thrive where standard PCs fail.

Extreme Thermal Range

Engineered for stable 24/7 operation in harsh environments from **-30°C to 70°C**.

Industrial Protection Suite

Built-in safeguards against static, pulses, surges, and radiation to protect mission-critical data.

Wide Power Input

Supports **DC 9-36V** power input with integrated overvoltage protection for volatile industrial power grids.

Comprehensive Technical Specifications

Processor Options	Intel® Core™ i3 / i5 / i7 (up to 12th Gen) and Celeron
Memory (RAM)	Dual DDR4 slots supporting up to 64GB capacity
Storage Slots	1*M.2 NVME, 1*MSATA, and 1*SATA SSD Slot
Display Output	1*HDMI (up to 4K @ 24Hz) and 1*VGA
Network	2*Intel® I210V Gigabit LAN (RJ-45)
USB Connectivity	8*USB Ports (4x USB 3.0 / 4x USB 2.0)
Serial Ports	6*COM Ports (4x RS-232/422/485 and 2x RS-232)
Automation I/O	14-Port GPIO (7-In / 7-Out) via Phoenix Terminal
Physical Size	234mm x 175mm x 65mm
OS Compatibility	Optimized for Windows 10/11 and Linux

Connectivity & Scalability

- **Wireless Expansion:** Internal Mini PCIE and M.2 slots for 4G, 5G, and WIFI module integration.
- **Mounting Versatility:** Flexible installation options including Desktop, Embedded, or Wall Mount to suit any factory floor layout.
- **Watchdog Support:** Integrated system monitoring to ensure automatic recovery and zero-downtime performance.

Target Industry Applications

- **Smart Manufacturing:** The ideal controller for CNC machines and production line automation.
- **Pharmaceuticals:** Sealed fanless design prevents air contamination in cleanroom environments.
- **Outdoor Infrastructure:** Built to resist extreme Indian heat and power fluctuations in kiosks and signage.

The Netcom Promise

- **Warranty:** Up to 3-Year Onsite Support for uninterrupted business continuity.
- **Service Network:** Strategic support hubs in Mumbai, Pune, Delhi, Hyderabad, Chennai, and Nagpur.
- **National Distributor:** Aptel Office Care Pvt. Ltd..
- **Contact Us:** +91 98239 76646 | sales@netcomhq.com | www.netcomhq.com