CIMON

SCADA | IPC | HMI | PLC

INDUSTRIAL
PANEL PC

CIMON Industrial Panel PCs solve the most demanding automation challenges while maintaining high performance in harsh environments found within manufacturing and processing control. Our Industrial Panel PCs have touch screens and customizable RAM, storage, processors, and operating systems. These robust industrial computers support Windows-based software and advanced SCADA software like CIMON's UltimateAccess Web, Rockwell's FactoryTalk View, and Ignition. This versatility offers various configuration options to meet your specific needs.

FANLESS

Silent operation, improved reliability, reduced maintenance requirements, and better dust and other contaminants resistance.

DISK DRIVE PRESERVATION

UWF and EWF protect the integrity of system volume and RAM against unauthorized write operations, improving lifespan and reliability.

SYSTEM INTEGRITY

RAID 1 protocol mirrors information onto a separate disk for fault tolerance.

CPU LINEUP

Enhance efficiency with a fast Intel processor, such as the J6412, i3-6100U, or i5-6300U.

CUSTOMIZABLE

Deployable with or without an operating system, supporting Windows or Linux, and varying RAM and SSD storage configurations.

FLEXIBLE INTERFACING

Includes 2 × Gigabit Ethernet, along with up to 4 × serial channels and up to 4 × USB 3.0 ports.

INDUSTRIAL ROBUSTNESS

FCC, CE, UL, cUL, KC, IP65, NEMA 4X.

SCREEN SIZE LINEUP

Available in 10", 12", 15", or 19" sizes to suit various applications.

PANEL IPC	CM-iNP500 SERIES			
Product #	CM-iNP510-D	CM-iNP512-D	CM-iNP515-D	CM-iNP519-D
CPU	Intel® Celeron® Quad-Core J6412 SoC			
OS	Windows 10 IoT Enterprise			
Display Size	10.4''	12.1''	15.0''	19.0''
Resolution	SVGA 800×600 (4:3)	XGA 1024×768 (4:3)		SXGA 1280×1024 (5:4)
LCD Brightness	700cd/m^2	600cd/m^2	500cd/m^2	400cd/m^2
Touch Screen	Resistive Single Touch			
Storage	250 GB SSD			
Input Voltage	24VDC			
LAN	2 × Gigabit Ethernet			
Serial	1 × RS232/422/485, 1 × RS232	1 × RS232/422/485, 2 × RS232, 1 × RS422/485		
USB	1 × USB 2.0, 3 × USB 3.0			
Video Output	1 × HDMI, 1 × DP			
Audio	1 × Line In, 1 × Line Out			
Optional Add-ons	Windows 10 Pro / Windows 10 Enterprise / Windows 11 Pro; SCADA software available.			

PANEL IPC	CM-iNP3000/5000 SERIES							
Product #	CM-NP3612-A	CM-NP3612-D	CM-NP3615-A	CM-NP3615-D	CM-NP5615-A	CM-NP5615-D	CM-iNP5619-A	CM-iNP5619-D
CPU	Intel Core i3-6100U				Intel Core i5-6300U			
OS	Windows 10 IoT Enterprise							
Display Size	12.1''		15.0''		15.0''		19.0''	
Resolution	1024×768 (4:3)						1280×1024 (5:4)	
Touch Screen	Resistive Single Touch							
Storage	250 GB SSD							
RAM	8 GB							
Input Voltage	100–240VAC	24VDC	100–240VAC	24VDC	100–240VAC	24VDC	100–240VAC	24VDC
LAN	2 × Gigabit Ethernet (RJ45)							
Serial	1 × RS232/422/485 (DB9M), 2 × RS232 (DB9M)		1 × RS232/422/485 (DB9M), 2 × RS232 (DB92M), 1 × RS422/485					
USB	4 × USB 3.0 (Type-A)						1 × USB 2.0 (Type-A), 4 × USB 3.0 (Type-A)	
Video Output	1 × HDMI, 1 × DP							
Audio	1 × Line Out							
Optional Storage	500 GB/1 TB SSD						RAID 1 250/500 GB/1 TB SSD	
Optional Add-ons	16/32 GB RAM; Windows 10 Pro/Linux Ubuntu; XpanelDesigner runtime license; Spare clips and a replacement Bezel available.							

INDUSTRIAL
BO X PC

CIMON Industrial Box PCs solve the most demanding automation challenges while maintaining high performance in harsh environments found within manufacturing and processing settings. Our Industrial Box PCs are compact, DIN rail mountable, Wi-Fi/Bluetooth capable, and have customizable RAM, storage, processors, and operating systems. These robust industrial computers are ThinManager Client compatible and support Windows software and advanced SCADA software like CIMON's UltimateAccess Web, Rockwell's FactoryTalk View, and Ignition. This versatility offers various configuration options to meet your specific needs.

FANLESS

Silent operation, improved reliability, reduced maintenance requirements, and better dust and other contaminants resistance.

THINMANAGER CLIENT COMPATIBLE

Centrally manage and distribute applications to thin clients, enhancing efficiency, security, and flexibility.

WIRELESS CONNECTIVITY

Equipped with Wi-Fi and Bluetooth, improves any application's versatility, scalability, and speed.

INDUSTRIAL ROBUSTNESS

FCC, CE, UL, cUL, KC.

CUSTOMIZABLE

Deployable with or without an operating system, supporting Windows or Linux, and varying RAM and SSD storage configurations.

FLEXIBLE INTERFACING

Includes 2 × Gigabit Ethernet, along with up to 4 × serial channels and up to 4 × USB 3.0 ports.

INSTALLATION

Capable of DIN rail mounting, offering space optimization, modularity, and enhanced safety.

CPU LINEUP

Intel J3455, i3-1115G4E, i5-1145G7E, or i7-1185G7E.

BOX IPC	CM-NB200 SERIES	CM-NB SERIES		
Product #	CM-NB200-D	CM-NB3011-D	CM-NB5011-D	CM-NB7011-D
CPU	Intel Celeron J3455	Intel Core i3	Intel Core i5	Intel Core i7
OS	Windows 10 IoT Enterprise			
Storage	250 GB SSD			
RAM	8 GB			
Input Voltage	24 VDC			
LAN	2 × Gigabit Ethernet (RJ45)			
Serial	1 × RS232/422/485 (DB9M), 1 × RS232 (DB9M)	1 × RS232/422/485 (DB9M)		
USB	2 × USB 2.0, 2 × USB 3.0	4 × USB 3.0		
Video Output	2 × HDMI	1 × HDMI, 1 × DP		
Optional Add-ons	500 GB/1TB SSD; Windows 10/11 Pro/ Linux Ubuntu; XpanelDesigner runtime license; DIN Rail bracket available.	16/32 GB RAM; 500 GB/1TB SSD; Windows 10/11 Pro/Linux Ubuntu; XpanelDesigner runtime license; WiFi + Bluetooth combo module; DIN Rail bracket available.		