SPC-2410: 24.0-INCH, RUGGED FANLESS PANEL PC (AIO)

$3,655.00 USD

Model: SPC-2410

- 24.0" LCD Display Screen, 1920 x 1080 Resolution
- Powerful 12/13/14th Generation Embedded Intel® Core™ Processors
- PCAP 10-Point Multitouch Sensor
- Rugged Fanless Aluminum Chassis
- Dual 2.5" SSD Removable Drive Bays w/ internal M.2 slot for Storage Options
- Supports Up to 2x External Displays via 2x DP and 1x HDMI Port
- NEMA 4/IP65 Rated Front Panel
- Optional -30~70C (-22~158F) Operating Temperature Range
- Supports Panel and VESA Mounting
- Custom Built to your Exact Specifications
- CE , FCC ,UKCA & RoHS

GALLERY IMAGES

PRODUCT DESCRIPTION

The SPC-2410 model of our all new SPC series, featuring a 24.0" widescreen multi-touch PCAP display, is a powerful and highly optimized solution that delivers robust performance-per-watt for embedded HMI applications. It can support up to a TDP 35W **Intel 14th Gen., Core-i7/i5/i3 processor**, this system offers efficient processing power for a variety of tasks. It boasts a **Zero Bezel design**, enhancing its polished appearance and usability. With M.2 Key-M slots and Removable 2.5-inch storage bays, users have ample storage and expansion options to accommodate their needs. Additionally, with support for up to **64GB DDR4-3200 memory**, this system ensures smooth multitasking and efficient data processing.

Featuring connectivity options such as HDMI 2.0b, DP 1.4a++ ports, Audio jack, Ethernet, USB 3.2 (Gen2), and USB2.0 ports, the SPC-2410 provides versatile connectivity for a wide range of peripherals and devices. Compatible with Windows 10 and Windows 11 operating systems, this fanless touch panel computer is suitable for various applications, including web browsing, terminal use, and HMI at all levels of automation control. Its robust design and **optional -30~70°C Operating Temperature upgrade** makes it ideal for use in harsh environments, ensuring reliable performance even in demanding conditions. With a Power Input range of 12-28V DC and 3-pin Terminal block input, the SPC-2410 offers flexible power management options, ensuring compatibility with various power sources and facilitating easy installation in industrial environments.

Here are some of the key features :

- Intel Core LGA 1700 35W Processor up to 12th/13th/14th Gen
- NEMA4/IP65 Front Bezel
- 300 Nits (cd/m2) LED Backlight
- 12-28V DC Power Input
- Operating Temp -10~55 °C (Optional upgrade up to -30~70 °C)

STEALTH

ADDITIONAL INFORMATION

LCD Monitor	Full HD 1080p, 1920 x 1080 resolution 5000:1 Contrast Ratio 16.7M Colors includes 10-point Projected Capacitive (PCAP) Touchscreen interface
Processor	Supporting Intel®'s 12th Generation Core™ Processors (Alder Lake) Intel® Core™ i3-12100TE (4 Cores / 8 Threads, up to 4.3Ghz) Intel® Core™ i5-12500TE (6 Cores / 12 Threads, up to 4.3Ghz) Intel® Core™ i7-12700TE (12 Cores / 20 Threads, up to 4.6Ghz)
BIOS	AMI 256Mbit SPI BIOS
Chipset	Intel® H610
Memory	2x DDR4 Memory Sockets Supporting up to 64GB of RAM / Memory
Removable Storage	256GB to 2TB, 2.5", Solid State Drives (SSD), Wide Temperature, SATA 2x Removable 2.5" Drive Bays Power Loss Protection (PLP) is included in capacities up to 1TB
Expansion Slot(s)	1x M.2 Socket (PCIe Gen3 x4), with M key, type 2242/2260/2280 for SSD 1x M.2 (PCIe x1, USB 2.0), with E Key, type 2230 for WiFi 1x M.2 (PCIe x1, USB 3.2 Gen1, USB 2.0), with B Key, type 3042/3052 and SIM Slot for 4G/5G
Video	Intel® UHD Graphics 770 Supports 1x internal display (Touch display) + 2 extended displays (2x DP or 1x DP+1x HDMI)
Audio	Realtek ALC897, High Definition Audio
TPM Module	includes TPM 2.0 (Trusted Platform Module), provides increased hardware security
Networking	2x 2.5Gb LAN Ports, RJ45 (Intel I225M, I225V)

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Ports	1x 3-Pin Teminal Block for Power Input 2x 2.5Gb LAN Ports, RJ45 2x DisplayPort 1.4a++ 2x Audio Jacks (Mic-in & Line-out) 2x RS-232/422/485 Ports 2x USB 2.0 Ports 2x USB 3.2 Gen2 Ports 1x HDMI 2.0b
Controls	Power On/Off and Brightness +/- via side-mounted membrane pushbuttons
Power Supply	12-28V DC Power Input via Terminal Block includes 100-240V AC (24V DC), 90W Power Adapter
Operating Systems	Windows Server 2022 Windows 11 (64-bit) Windows 10 (64-bit) Ubuntu Linux Please contact us directly for any special requirements
Options	-30~70C (-22~158F) Wide Temperature Operation 4G/5G Modem with GNSS Support & internal SIM Slot 802.11 A/B/G/N/AC Dual Band Wireless (2.4Ghz / 5Ghz) +Bluetooth 5.0 via M.2 External USB DVD+-RW/CD-RW Drive
Chassis Description	Rugged Heavy Duty Aluminum Fanless Chassis
Mounting	Panel Mount VESA Mount (75 x 75mm, 100 x 100mm)
Environmental	Operating Temperature: -10~55C (14~131F); Optional: -30~70C (-22~158F) Storage Temperature: -30~70C (-22~122F) Humidity: 10~90% @ 40C, non-condensing Shock/Vibration: 1.5 Grms @ 10~500Hz, IEC-60068-2-64
Approvals	FCC/CE Class A RoHS
Dimensions	22.58"(W) x 14.45"(H) x 3.29"(D) (573.6mm x 367.0mm x 83.5mm)
Weight	Unit Weight: To Be Determined
Warranty	1 Year limited Warranty Standard 1 Year Extended Warranty available (see Configurator/Price List)
Disclaimer	Note: Specifications are subject to change without notice.