

APPC 1760-A01

17" TFT SXGA 4:3 Flush Panel PC with Intel® Processor N97, Resistive Touch Screen, 8GB DDR5, 3 x COM, 2 x USB, 1 x USB-C



Main Features

- 4:3 17" SXGA fanless LED panel computer
- Intel® Processor N97, Quad Core 2.0GHz, 6M Cache
- Flush panel by 5-wire touch screen with slim bezel
- 1 x DDR5-4800MHz with default 8GB installed
- Additional 2nd Display: 1 x DP / 1 x USB-C
- Dual Intel® 2.5GbE LAN ports, 2 x USB 3.2, 1 x Line-out
- 2 x RS232/422/485, 1 x RS232, 1 x mini-PCIe, 2 x M.2
- IP65 compliant front panel
- Mounting support: panel/wall/stand/VESA 100mm x 100mm
- DC power input 24VDC

Product Overview

The new 17" SXGA fanless panel PC APPC 1760-A01 incorporating an industrial motherboard is intended for versatile industrial applications. APPC 1760-A01 supports 1280 x 1024 (SXGA) resolution and 400cd/m² brightness. The front panel which adopts flush, narrow boarder design and complies with IP65 standard to makes it perfectly fit in industrial applications.

APPC 1760-A01 contains dual 2.5 Gigabit Ethernet connectors, one mini-PCIe slot and two M.2 slots to support multiple networks of LAN/WLAN/WWAN (5G) and storage. In addition, APPC 1760-A01 can hook 2nd display via DP and USB-C for dual independent display. Two adjustable RS232/422/485 ports. It is ideal for general industrial equipment integration.

Specifications

Panel

- LCD size: 17", 4:3
- Resolution: SXGA 1280 x 1024
- Luminance: 400cd/m²
- Contrast ratio: 1000:1
- LCD Color: 16.7M
- Viewing angle: 80 (U), 80 (D), 85 (L), 85 (R)
- Backlight: LED

Touch

- 5-wire resistive (flush panel type)
- Light transmission: 78%
- Interface: USB

System

- CPU: Onboard Alder Lake N Intel® processor N97
- BIOS: AMI BIOS
- Supports Intel® Platform Trust Technology (Intel® PTT)
- System memory: 1 x 262-pins DDR5 SO-DIMM socket, support up to Max. 16GB DDR5 4800MHz (non-ECC)
- Storage device
 - 1 x M.2 2242 Key B (SATA)

Rear I/O interface

- Power button
- 1 x 2-pin remote power on/off Terminal Block
- 24V DC input with 3-pins Terminal Block
- 2 x USB 3.2 Type A
- Ethernet: 2 x RJ45
- 1 x DP1.4a (up to 4K@60Hz)
- 1 x USB Type C (Support USB 3.2 / DP1.4a Alt. mode, up to 4K@60Hz)
- DB9 for COM1 & COM2
 - COM1: RS232/422/485 auto flow control
 - COM2: RS232/422/485 auto flow control
- 1 x DB9 for RS232 support
- 1 x Line-out

Ethernet

- LAN chip: dual Intel® I226-IT Gigabit LAN
- Ethernet interface: 10/100/1000/2500Base-T Ethernet compatible
- Support WoL and PXE

Audio

- HD audio codec: Realtek ALC888S-VD
- Audio interface: Line-out

