

17" TFT SXGA 4:3 Fanless Panel PC with Intel® Atom™ D525, 1.8GHz, Touch Screen, 1GB DDR3, 4 x USB, 2 x COM and VGA

OPPC 1720T fanless Panel PCs are powered by Intel® Atom™ D525 processor with Intel® ICH8M chipset and support for DDR3 memory. OPPC 1720T incorporates a 17" 4:3 touch screen LCD panel with resolutions up to 1280x1024 (SXGA) and 380 nits brightness. It is specially designed with bezelless display which allows customers to design front bezel according to their application requirements without any limitation.

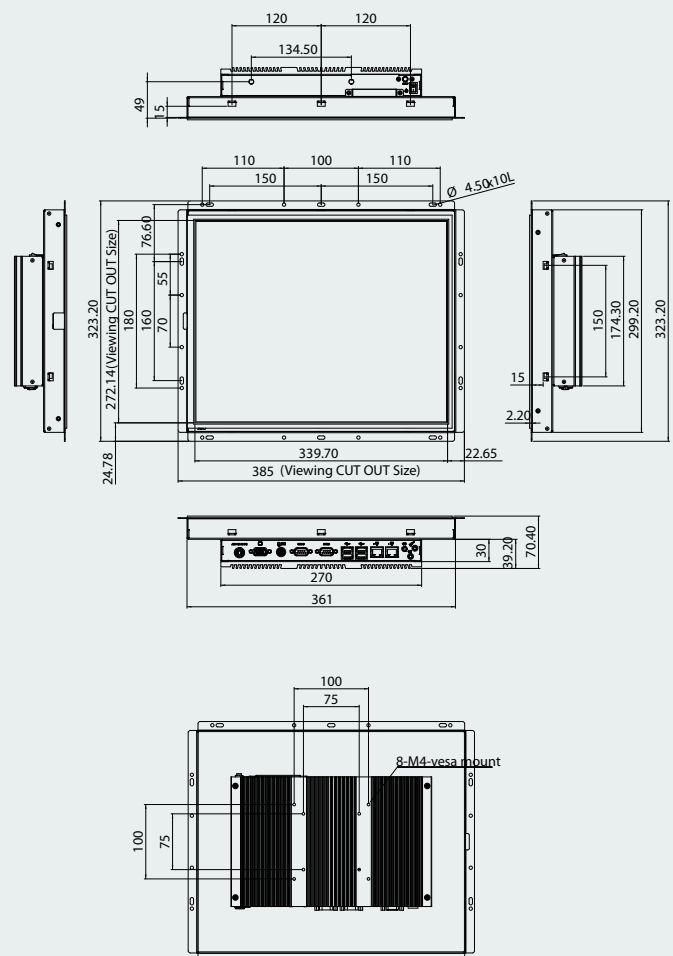
OPPC 1720T is designed to meet the requirements of vertical market segments, such as Kiosk, ATMs, and vending machines. Customers also benefit from various mounting options, including open frame mount from both rear and front sides, VESA mount, wall mount and panel mount. This versatility gives users a quick route to market for a customized Panel PC.

Features

- 4:3 17" Fanless Panel Computer
- Intel® Atom™ D525, Dual Core, Low Consumption CPU
- Dual GbE/ 2nd display-VGA/ Line-in/ Line-out/ MIC-in/ PS2 KB/MS
- 4 x USB/ 2 x mini-PCle sockets/ 1 x CF/ 2 x RS232/ 422/ 485
- DDR3 1GB / 2.5" HDD Bracket
- Optional Wi-Fi Module / 2.5"HDD / Panel Mount Kit
- Open Frame and Panel Mount/ VESA Mount Compliance
- Wide Range Power Input 12V~ 30V DC



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Specifications: see next page

Panel	
LCD Size / Resolution	17", 4:3 / SXGA 1280x1024
Lum. / Contrast ratio	380 cd/m ² / 1000
LCD color / Backlight	16.7M / CCFL
Viewing angle	80(U), 80(D), 85(L), 85(R)
Touch Screen (optional)	5-wire resistive
Touch light transmission	80%
Touch interface	USB
System	
CPU Default	Intel® Atom™ D525, 1.8Hz
BIOS	AMI BIOS
System chipset	Intel® ICH8M
System memory	1x 204-pin DDR3 SO-DIMM socket, 1G DDR3 (Default), Support up to 2GB DDR3 800, Non-ECC and Un-buffered
SSD	One external locked CF socket by IDE support Type I/II compact Flash card
Hard driver bay	Optional 2.5" SATA HDD or SATA DOM
Watchdog Timer	Watchdog timeout can be programmable by software from 1 second to 255 seconds and from 1 minute to 255 minutes (Tolerance 15% under room temperature 25°C)
H/W status monitor	Monitoring system temperature, and voltage
Expansion	2x Mini-PCIe sockets
Rear I/O	
COM #1: RS232/422/485 COM #2: RS232/422/485 Ethernet: 2 x RJ45 2nd display VGA port: 1 x DB15	Audio port: 1 x Line out; 1 x Line in; 1 x MIC-in USB: 4 x USB 2.0 PS2 keyboard/ mouse Power switch Reset button
Audio	
AC'97 codec	Realtek ALC888
Audio interface	Line out/Line in/MIC-in Audio Jack.
Ethernet	
LAN chip	Dual Intel® 82574L Gigabit LAN
Ethernet interface	10/100/1000 Based-Tx Ethernet compatible
Mechanical & Environment	
Mounting	Open frame mount (Front panel) Panel/ wall/ stand/ VESA 75 x 75; 100mm x 100mm
Power input	12V~ 30V DC
Power adapter	Optional AC to DC power adaptor (+12V, 60W)
Vibration	IEC 68 2-64 (w/ HDD) 0.5Grms @sine, 5~500Hz, 1hr/axis (HDD Operating) 2.2Grms @ random condition, 5~500Hz, 0.5hr/axis (Non-operating)
Shock	IEC 68 2-27. HDD: 20G@wall mount, half sine, 11ms
Temperatures	Operating temp.: -5°C to 50°C / Storage temp.: -20°C to 75°C
Operating humidity	20%~80% relative humidity, non-condensing
Dimensions / Weight	385 x 323.2 x 70.4 mm / 5.6 kg
Certifications	CE approval. FCC Class A
Part numbers	
OPPC 1720T 90IQ1720T00X0)	17" TFT Panel PC with Intel® Atom™ D525 1.8 GHz, touch screen, 1GB DDR3, COM#1/ #2
Option: 7400060002X00	12V, 60W AC/DC power adapter w/o power cord

Specifications are subject to change without notice.

• Monitors

Desktop Monitors
Large screen Monitors
Custom-made Monitors
19" Rack Mount Monitors
Rear Mount Monitors
Monitors for Panel Mount
Monitors for VESA Mount
Kiosks
Accessories

• Monitors – Specific applications

Stainless Steel Monitors
Car Displays
Marine Monitors
Military Monitors
Replacement Monitors
Train Monitors

• Panel PC's

High Performance Systems
Custom made Panel PC's
Low Power Systems
Extreme environments

• Pointing devices

Accessories
Touchpads
Trackballs
Trackball Modules
Joysticks
Custom made Pointing Devices

• Keyboards

Desktop Keyboards with or without pointer
Built-in Keyboards with or without pointer
Cables & Connectors
Custom made Keyboards



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