

LEAD-PND Series

Stylish, Slim and P-CAP Touch Monitor with Basic Computing Ability. Powered by AllWinner® A83T with Fanless Design.

Key Features

- AllWinner® A83T Octa-Core Cortex™ A7 CPU
- 1GB DDR3L on board
- 16G eMMC on board
- 10-Points Projective Capacitive Multi-Touch

- 2 x 3W speaker
- 2 x USB 2.0, 1 x HDMI, 1 x DP, 1 x GbE
- 1 x VGA or 1 x COM (Tx/Rx only)
- Android 6.0

Portwell Networking Display or PND has network connection ability with LAN port which adopts Gigabit Ethernet. With AllWinner A83T, PND is equipped with basic computing ability compared to PD. Combining the two features, PND is suitable for those who want to introduce IoT concept into their applications or environments. The OS adopts Android system, which provides users with high flexibility to fulfill their own software requirement. The VGA/HDMI/DP ports enclose the most common signal inputs now. PND provides users with the ability to control the OSD function by Tx/Rx of RS232 which further enhances the ability of PND and helps customers to easily adopt an IoT scenario.

Display

LCD Size	21.5"/23.6"
Resolution	FHD 1920 x 1080
Brightness	250 cd/m ²
Contrast Ratio	1000: 1
Panel Type	TN
Viewing Angle (H/V)	170° (H) / 160° (V)
Touch Screen	Projected Capacitive Multi-Touch

System

SOC	AllWinner A83T Octa-Core Cortex™ A7 CPU
Memory	1GB DDR3L on board
LAN Chip	Realtek® RTL8211E
Audio Codec	AllWinner AXP813
Storage Device	16G eMMC on board
OS	Android 6.0

I/O Interface

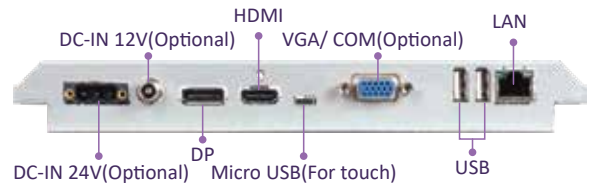
Serial Port	1 x Tx/Rx function for OSD control with RS-232 protocol (Option between VGA)
Display	Input: 1 x HDMI, 1 x DP, 1 x VGA (Option between COM)
USB	2 x USB 2.0 1 x Micro USB for Touch only
Ethernet	1 x Gigabit Ethernet
Audio	2 x 3W Speaker
OSD Key	Power/Menu/Right/Left/Auto

Power

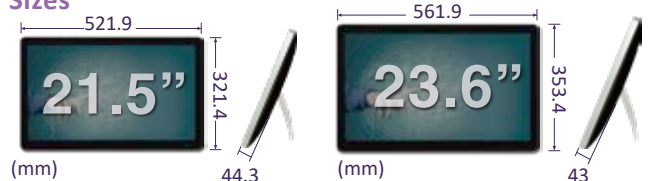
Power Input	DC 12V via DC Jack / DC 24V via 3-pin terminal block connector
Power Supply	40W / 60W AC-DC Adapter

Environmental

Mounting (mm)	Standalone; VESA® Mount 75 x 75
Accessory	1 x VGA cable for V Model
OP /Storage Temp	0~50°C / -20~60°C
IP Protection	IP65 (Front)
Certificate	CE/FCC Class A, VCCI Conformity



2 Sizes



Ordering Guide

AL6-3276	(R).LEAD-PND-2150-AV. 21.5" 12V AllWinner A83T Black Panel PC with Standard IO.
AL6-3275	(R).LEAD-PND-2150-AC. 21.5" 12V AllWinner A83T Black Panel PC with Tx/Rx IO Replacing VGA.
AL6-3274	(R).LEAD-PND-2150-BV. 21.5" 24V AllWinner A83T Black Panel PC with Standard IO.
AL6-3273	(R).LEAD-PND-2150-BC. 21.5" 24V AllWinner A83T Black Panel PC with Tx/Rx IO Replacing VGA.
AL6-3272	(R).LEAD-PND-2360-AV. 23.6" 12V AllWinner A83T Black Panel PC with Standard IO.
AL6-3271	(R).LEAD-PND-2360-AC. 23.6" 12V AllWinner A83T Black Panel PC with Tx/Rx IO Replacing VGA.
AL6-3270	(R).LEAD-PND-2360-BV. 23.6" 24V AllWinner A83T Black Panel PC with Standard IO.
AL6-3269	(R).LEAD-PND-2360-BC. 23.6" 24V AllWinner A83T Black Panel PC with Tx/Rx IO Replacing VGA.

