

# LPC-15 Series

Fanless 15" XGA TFT  
Multifunctional Touch Panel PC



## Features

- 15" XGA TFT Touch Panel PC
- 5-wire Resistive Touch Screen
- LPC-1503: Intel® Atom™ N270 1.6GHz CPU  
LPC-1505: Intel® Atom™ D525 Dual-Core 1.8GHz CPU
- VGA, Audio, 2W Speaker
- Gigabit Ethernet, Optional WiFi Module
- 1 CF, 1 COM, 2 USB
- Fanless & +12V Single Power Input (LPC-1503) /  
Wide Range Voltage Input +12V ~ 26V
- VESA Compliance
- IP-65 Compliant Front Panel



## Specifications

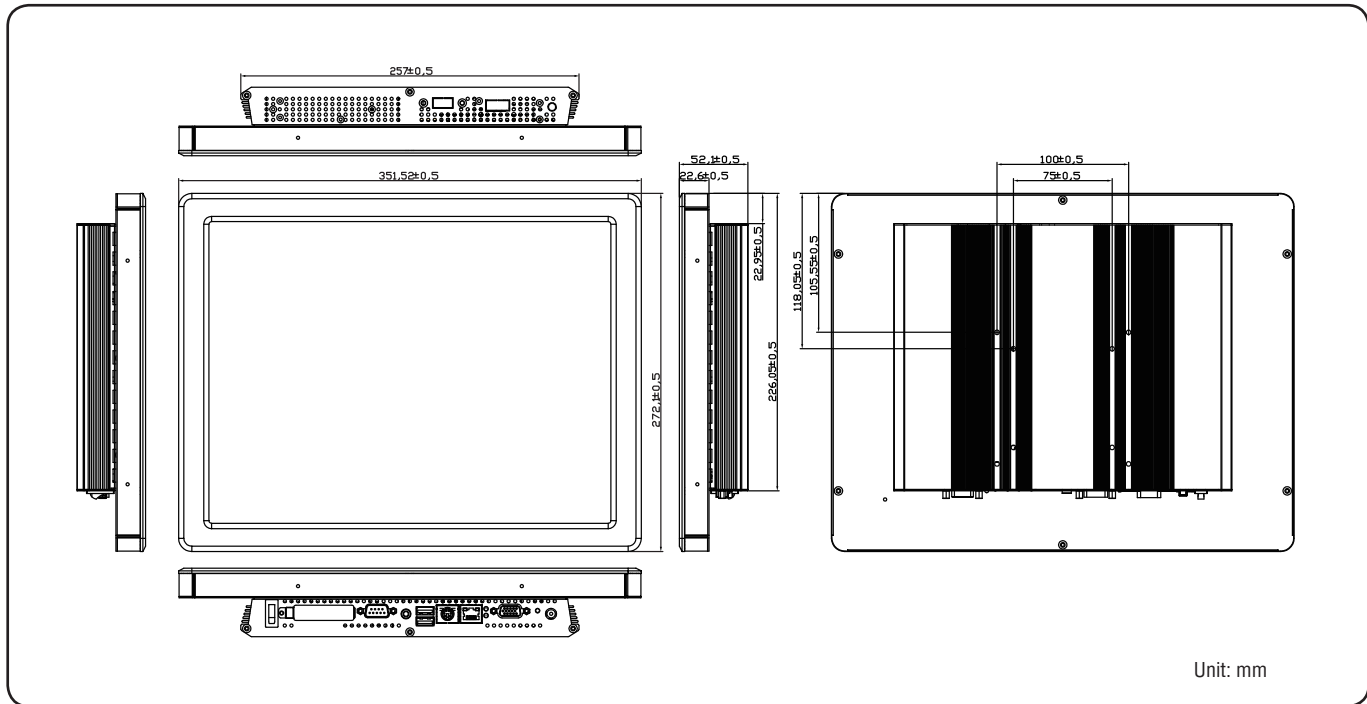
Model Name	LPC-1503	LPC-1505
• LCD Size	15", 4:3	15", 4:3
• Display Type	XGA TFT	XGA TFT
• Resolution	1024 x 768	1024 x 768
• Pixel Pitch	0.297mm (H) x 0.297mm (V)	0.297mm (H) x 0.297mm (V)
• Luminance	300cd/m <sup>2</sup>	300cd/m <sup>2</sup>
• Contrast Ratio	700	700
• Viewing Angle	70 (U), 70 (D), 75 (L), 75 (R)	70 (U), 70 (D), 75 (L), 75 (R)
• Response Time	8ms	8ms
• Backlight	CCFL	CCFL
• Touch Screen	5-wire Resistive	5-wire Resistive
• Light Transmission	80%	80%
• Touch Interface	USB	USB
<b>System</b>		
• CPU	Onboard Intel® Atom™ N270 1.6GHz (2.5W), Optional 330 Dual Core (8W)	Onboard Intel® Atom™ D525 Dual-Core 1.8GHz CPU
• System Chipset	Intel® 945GSE/ ICH7-M	Intel® ICH8-M
• I/O Chip	ITE IT8712F	Winbond W83627DHG
• System Memory	Onboard 1GB DDR2 and One 200-pin DDR2 SODIMM Supports Up to 2GB DDR2 400/ 533 (1GB Per Bank)	Onboard 1GB SDRAM and One SODIMM Supports Up to 3GB
• SSD	One CF Socket by IDE Secondary Slave Channel Supports Type I/II Compact Flash Card	One CF Socket by IDE Secondary Slave Channel Supports Type I/II Compact Flash Card
• Hard Drive Bay	One 2.5" SATA HDD or Optional 44-pin Enhanced IDE HDD	One 2.5" SATA HDD
• Watchdog Timer	Reset: 1 sec. ~ 255min. and 1sec. or 1min./step	Reset: 1 sec. ~ 255min. and 1sec. or 1min./step
• H/W Status Monitor	Monitoring System Temperature, Voltage, with Auto Throttling Control	Monitoring System Temperature, Voltage, with Auto Throttling Control
• Expansion	1 x Mini PCI Slot, 1 x Mini PCIe	2 x Mini PCIe Slot
<b>Rear I/O</b>		
• Serial Port	1 x RS-232/422/485	1 x RS-232/422/485
• Ethernet	2 x RJ-45 (Realtek RTL8111C Gigabit Ethernet)	1 x RJ-45 (Intel® 82574L Gigabit Ethernet)
• VGA	1 x DB-15	1 x DB-15
• Audio	Line-out (Realtek ALC655 Supports 5.1-CH Audio)	Line-out (Realtek ALC888 Supports 5.1-CH Audio)
• USB	2 x USB 2.0	2 x USB 2.0
• Mouse & K/B	N/A	1 x PS/2 KB & MS
• Speaker	2 x 2W	2 x 2W



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## Diagram



### Environment & Mechanical

• <b>Color</b>	Front Silver & Rear Panel Black
• <b>Mounting</b>	Wall/ Stand/ VESA 75mm x 75mm and 100mm x 100mm
• <b>System Power Requirement</b>	+12 ~ 26V DC Power Input/ +12V DC Power Input (LPC-1503)
• <b>Power Adapter</b>	Input: 100 ~ 250VAC/ 47 ~ 63Hz Output: 60W Adapter (12V @ 5A Adapter)
• <b>Power Type</b>	AT/ ATX
• <b>Operating Temperature</b>	0°C ~ 40°C (32°F ~ 104°F)
• <b>Storage Temperature</b>	-20°C ~ 75°C (-4°F ~ 167°F)
• <b>Relative Humidity</b>	5% ~ 90% Relative Humidity, Non-condensing
• <b>Dimension (W x D x H)</b>	351.5mm x 272mm x 52mm
• <b>Weight</b>	4.2Kgs

- 1  
LPC Series
- 2  
PPC Series
- 3  
FPC Series
- 4  
MPC Series
- 5  
SPC Series
- 6  
MTP Series
- 7  
OPC/  
LCD Kit
- 8  
RISC
- 9  
ACC

## Ordering Information

- **LPC-1503**  
15" XGA TFT Panel PC with Intel® Atom™ N270 1.6GHz CPU
- **LPC-1505**  
15" XGA TFT Panel PC with Intel® Atom™ D525 1.8GHz CPU
- **ACC-ARM-D1R**  
VESA STAND, 75mm & 100mm
- **ACC-ARM-D20R**  
VESA STAND, 75mm & 100mm
- **ACC-LPC-WIFIUSB-2R**  
802.11b/g VT665 USB Module/ Antenna/ Cable