

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
LPC-15A2: AMD Athlon™ Neo X2 L325 Dual-Core 1.5GHz CPU
- VGA, Audio, 2W Speaker
- Gigabit Ethernet, Optional WiFi Module
- 1 CF, 1 COM, 2 USB
- Fanless & +12V Single Power Input
Wide Range Voltage Input +12V ~ 28V (LPC-1505)
- VESA Compliance
- IP-65 Compliant Front Panel



Specifications

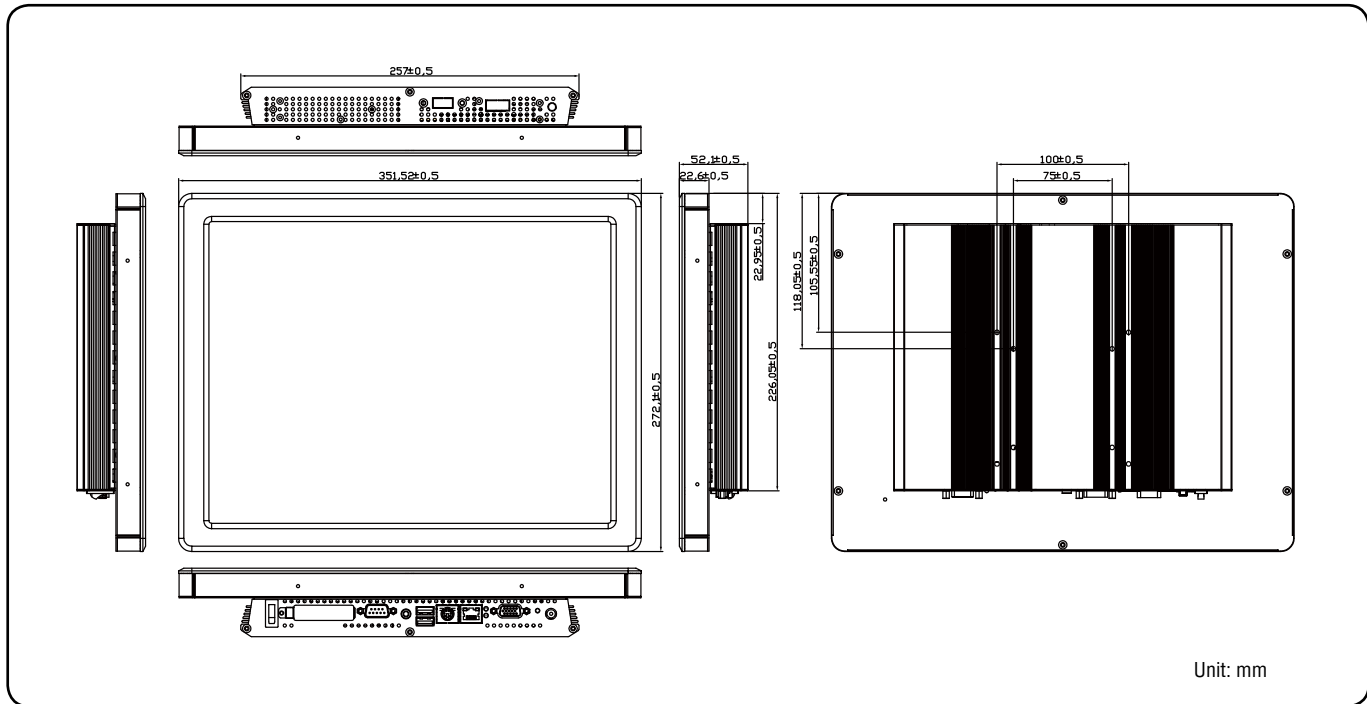
Model Name	LPC-1503	LPC-1505	LPC-15A2
• LCD Size	15", 4:3	15", 4:3	15", 4:3
• Display Type	XGA TFT	XGA TFT	XGA TFT
• Resolution	1024 x 768	1024 x 768	1024 x 768
• Pixel Pitch	0.297mm (H) x 0.297mm (V)	0.297mm (H) x 0.297mm (V)	0.297mm (H) x 0.297mm (V)
• Luminance	300cd/m ²	300cd/m ²	300cd/m ²
• Contrast Ratio	700	700	700
• Viewing Angle	70 (U), 70 (D), 75 (L), 75 (R)	70 (U), 70 (D), 75 (L), 75 (R)	70 (U), 70 (D), 75 (L), 75 (R)
• Response Time	8ms	8ms	8ms
• Backlight	CCFL	CCFL	CCFL
• Touch Screen	5-wire Resistive	5-wire Resistive	5-wire Resistive
• Light Transmission	80%	80%	80%
• Touch Interface	USB	USB	USB
System			
• CPU	Onboard Intel® Atom™ N270 1.6GHz (2.5W), Optional 330 Dual Core (8W)	Onboard Intel® Atom™ D525 Dual-Core 1.8GHz (17W) CPU	Onboard AMD Athlon™ Neo X2 L325 Dual-Core 1.5GHz (15W) CPU
• System Chipset	Intel® 945GSE/ ICH7-M	Intel ICH8-M	AMD RS780E (13W) + SB710 (4.5W) Chipset
• I/O Chip	ITE IT8712F	Winbond W83627DHG	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	Two 200-pin DDR2 SODIMM Supports Up to 4GB DDR2 667/ 800 SDRAM
• 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	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	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	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	Monitoring System Temperature, Voltage, with Auto Throttling Control
• Expansion	1 x Mini PCI Slot, 1 x Mini PCIe	2 x Mini PCIe Slot	2 x Mini PCIe Slot
Rear I/O			
• Serial Port	1 x RS-232	1 x RS-232	1 x RS-232
• Ethernet	2 x RJ-45 (Marvell 88E8053 Gigabit Ethernet)	1 x RJ-45 (Intel® 82574L Gigabit Ethernet)	1 x RJ-45 (RealTek RTL8111E Gigabit Ethernet)
• VGA	1 x DB-15	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)	Line-out (Realtek ALC892 Supports 5.1-CH Audio)
• USB	2 x USB 2.0	2 x USB 2.0	2 x USB 2.0
• Mouse & K/B	N/A	1 x PS/2 KB & MS	1 x PS/2 KB & MS
• Speaker	2 x 2W	2 x 2W	2 x 2W



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Diagram



Environment & Mechanical

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

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

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