

LPC-17 Series

Fanless 17" SXGA TFT
Multifunctional Touch Panel PC



Features

- **LPC-1705: Intel® Atom™ D525 Dual-Core 1.8GHz CPU**
- **LPC-1707: Intel® Cedarview D2700 2.13GHz CPU**
- **LPC-17A4: AMD eOntario T40E 1.0 GHz CPU**
- **VGA/ HDMI, Audio, Gigabit Ethernet**
- **1 CF, 1 COM, 2 USB**
- **Wide Voltage +12V ~ +28V Input, ErP Power**
- **IP-65 Compliant Front Panel**
- **Power-On Timer**



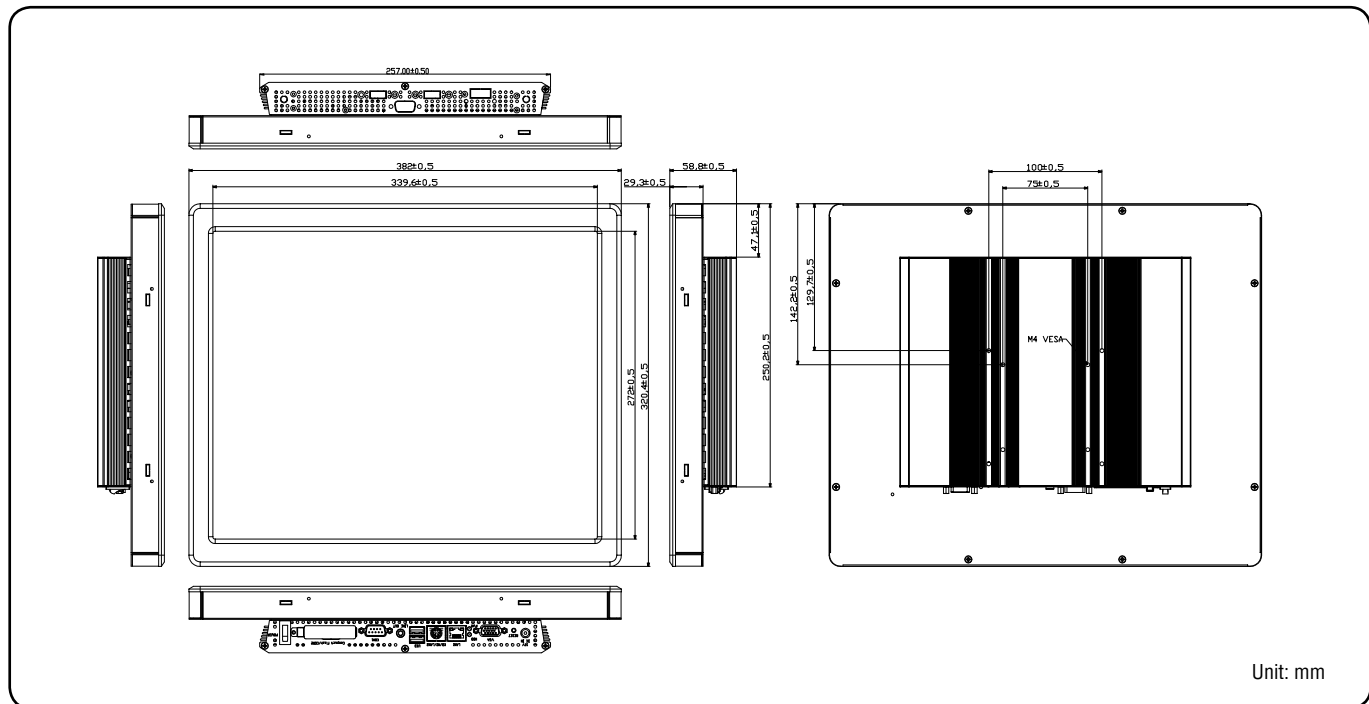
Specifications

Model Name	LPC-1705	LPC-1707	LPC-17A4
• LCD Size	17", 4:3	17", 4:3	17", 4:3
• Display Type	SXGA TFT	SXGA TFT	SXGA TFT
• Resolution	1280 x 1024	1280 x 1024	1280 x 1024
• Pixel Pitch	0.264mm (H) x 0.264mm (V)	0.264mm (H) x 0.264mm (V)	0.264mm (H) x 0.264mm (V)
• Luminance	350cd/m ²	350cd/m ²	350cd/m ²
• Contrast Ratio	800	800	800
• Viewing Angle	80 (U), 80 (D), 85 (L), 85 (R)	80 (U), 80 (D), 85 (L), 85 (R)	80 (U), 80 (D), 85 (L), 85 (R)
• Response Time	30ms	30ms	30ms
• Backlight	LED	LED	LED
• Touch Screen	5-wire Resistive	5-wire Resistive	5-wire Resistive
• Light Transmission	80%	80%	80%
• Touch Interface	USB	USB	USB
System			
• Board	EBM-PNV	EBM-CDV	EBM-A50M
• CPU	Onboard Intel® Atom™ D525 Dual Core 1.8GHz CPU	Onboard Intel® Atom™ Cedarview Dual-Core D2700 2.13GHz CPU	Onboard AMD eOntario T40E 1.0GHz CPU
• System Chipset	Intel® ICH8-M	Intel® NM10 Chipset	AMD A50M Chipset
• I/O Chip	Nuvoton W83627DHG-P	E/C IT8518E	Nuvoton W83627DHG-P
• System Memory	Onboard 1GB SDRAM and One 204-pin SODIMM Supports Up to 3GB DDR3 800MHz SDRAM	One 204-pin SODIMM Supports Up to 4GB DDR3 1066MHz SDRAM	Onboard 2GB 1066MHz DDR3 and One 204-pin SODIMM Supports Up to 4GB DDR3 1066MHz
• 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 Driver Bay	One 2.5" SATA HDD	One 2.5" SATA HDD	One 2.5" SATA HDD
• Watchdog Timer	Reset: 1sec. ~ 255min. and 1sec. or 1min./step	Reset: 1sec. ~ 255min. and 1sec. or 1min./step	Reset: 1sec. ~ 255min. and 1sec. or 1min./step
• H/ W Status Monitor	Monitoring System Temperature, Voltage, and Cooling Fan Status with Auto Throttling Control	Monitoring System Temperature, Voltage, and Cooling Fan Status with Auto Throttling Control	Monitoring System Temperature, Voltage, and Cooling Fan Status with Auto Throttling Control
• Expansion	2 x Mini PCIe Slot	1 x Mini PCIe Slot, Optional Supports mSATA	2 x Mini PCIe Slot, Optional Supports mSATA
Rear Panel I/O			
• Serial Port	1 x RS-232/422/485 (Optional 2nd COM)	1 x RS-232/422/485 (Optional 2nd COM)	1 x RS-232/422/485 (Optional 2nd COM)
• Ethernet	1 x RJ-45 (Intel® 82574L Gigabit Ethernet, Optional Dual 82574L Gigabit Ethernet)	1 x RJ-45 (Intel® 82574L Gigabit Ethernet, Optional Dual 82574L Gigabit Ethernet)	2 x RJ-45 (Dual Realtek RTL8111E Gigabit Ethernet)
• VGA	1 x DB-15	1 x HDMI	1 x HDMI
• Audio	Line-out (Realtek ALC888 Supports 5.1-CH Audio)	Line-out (Realtek ALC892 Supports 5.1-CH Audio)	Line-out (Realtek ALC892 Supports 5.1-CH Audio)
• USB	2 x USB 2.0 (Optional Extra 2 x USB)	2 x USB 2.0 (Optional Extra 2 x USB)	2 x USB 2.0 (Optional Extra 2 x USB)
• Mouse & K/B	1 x PS/2 KB & MS	1 x PS/2 KB & MS	N/A

LPC Series



Diagram



Environment & Mechanical

- **Color** Front Silver & Rear Panel Black
- **Mounting** Wall/ Stand/ VESA 75mm x 75mm and 100mm x 100mm
- **System Power Requirement** +12 ~ 28V DC Power Input
- **Power Adapter** Input: 100 ~ 250VAC/ 47 ~ 63Hz
Output: 60W Adapter (12V @ 5A Adapter)
- **Operating Temperature** 0°C ~ 40°C (32°F ~ 104°F)
- **Storage Temperature** -10°C ~ 60°C (14°F ~ 140°F)
- **Relative Humidity** 5% ~ 90% Relative Humidity, Non-condensing
- **Dimensions (W x D x H)** 382mm x 320mm x 58.8mm
- **Weight** 5.2Kgs

1
LPC
Series

2
APC
Series

3
PPC
Series

4
FPC
Series

5
MPC
Series

6
OPM
Series

7
SPC
Series

8
MTP
Series

9
RISC
Series

10
ACC

Ordering Information

- **LPC-1705**
17" SXGA TFT Panel PC with Intel® Atom™ D525 1.8GHz CPU
- **LPC-1707**
17" SXGA TFT Panel PC with Intel® Cedarview D2700 2.13GHz CPU
- **LPC-17A4**
17" SXGA TFT Panel PC with AMD eOntario T40E Dual Core 1.0GHz CPU
- **ACC-ARM-D1R**
VESA Desk Stand, 75mm & 100mm
- **ACC-ARM-D19R**
VESA Desk Stand, 75mm & 100mm
- **ACC-LPC-WiFiUSB-4R**
USB WiFi 802.11 b/g/n Module w/ Antenna, Cable