

MPC-10W Series

Fanless 10" WSVGA Fanless Digital Signage Panel PC



Features

- 10.1" WSVGA Digital Signage Panel PC
- 5-wire Resistive Touch Screen
- MPC-10W3: Intel® Atom™ N270 1.6GHz CPU
MPC-10W5: Intel® Atom™ D525 Dual-Core 1.8GHz CPU
- Gigabit Ethernet, 5.1-CH Audio, 2W AMP
- 1 CF, 1 COM, 3 USB, Mini PCIe
- Optional 1.3M Camera, WiFi Module
- Fanless System & VESA Compliance
- Wide Voltage +12V ~ +28V Input, ErP Power (MPC-10W5)
- Full Aluminum Design for 1.22kg Only
- IP65 Compliant Front Panel
- CE/ FCC with Class B

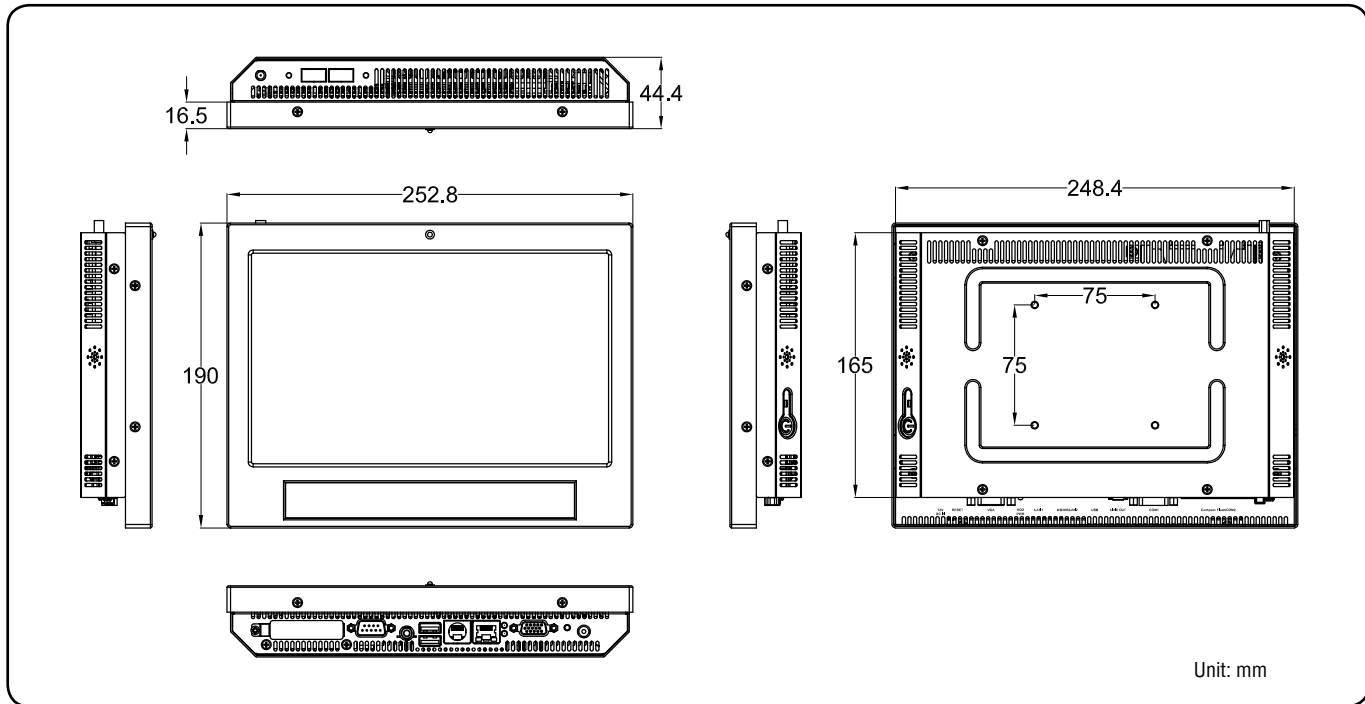


Specifications

Model Name	MPC-10W3	MPC-10W5
• LCD Size	10.1", 17:10	10.1", 17:10
• Resolution	1024 x 600 WSVGA	1024 x 600 WSVGA
• Pixel Pitch	0.21525mm (H) x 0.21525mm (V)	0.21525mm (H) x 0.21525mm (V)
• Luminance	250cd/m ²	250cd/m ²
• Contrast Ratio	500	500
• Viewing Angle	50 (U), 60 (D), 70 (L), 70 (R)	50 (U), 60 (D), 70 (L), 70 (R)
• Response Time	25ms	25ms
• Backlight	LED Backlight	LED Backlight
• Touch Screen	5-wire Resistive	5-wire Resistive
• Light Transmission	80%	80%
• Touch Interface	USB	USB
System		
• CPU	Onboard Intel® Atom™ N270 1.6GHz (2.5W) CPU	Onboard Intel® Atom™ D525 Dual-Core 1.8GHz CPU
• BIOS	Award 8Mbit Flash BIOS	AMI 8Mbit Flash BIOS
• System Chipset	Intel® 945GSE/ ICH7-M	Intel® ICH8-M Chipset (2.4W)
• I/O Chip	ITE IT8712F	Winbond W83627DHG
• System Memory	Onboard 1GB DDR2, One 200-pin DDR2 SODIMM Supports Up to 2GB DDR2 400/ 533 SDRAM (1GB Per Bank)	Onboard 1 GB Up to 2GB & One 200-pin DDR3 SODIMM Supports Up to 4GB DDR3 800 SDRAM
• SSD	One CF Socket Supports Type I/II Compact Flash Card	One CF Socket Supports Type I/II Compact Flash Card
• Hard Drive Bay	N/A	Optional One 2.5" HDD or SSD
• WiFi	Optional Mini PCIe WiFi 802.11b/g/n	Optional Mini PCIe WiFi 802.11b/g/n
• Watchdog Timer	Reset: 1sec. ~ 255min. and 1sec. or 1min./step	Reset: 1 ~ 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, 1 x Mini PCIe	2 x Mini PCIe
Rear Panel I/O		
• Serial Port	1 x RS-232/422/485 (Selected by BIOS)	1 x RS-232/422/485 (Selected by Jumper)
• Ethernet	2 x RJ-45 (Realtek RTL8111C Gigabit Ethernet)	1 x RJ-45 (Intel® 82574L Gigabit Ethernet, Optional Dual 82574L Gigabit Ethernet)
• VGA	1 x DB-15	1 x DB-15
• Audio	1 x Line-out (Realtek ALC655 Supports 5.1-CH Audio)	1 x Line-out (Realtek ALC888 Supports 5.1-CH Audio)
• USB	3 x USB 2.0 (1 is Behind Front Panel PMMA Cover for USB Dongle Under 26.5 x 76 x 12.3mm)	3 x USB 2.0 (1 is Behind Front Panel PMMA Cover for USB Dongle Under 26.5 x 76 x 12.3mm)
• Mouse & K/B	N/A	1 x PS/2 KB & MS
• Speaker	2 x 2W	2 x 2W

MPC Series

Diagram



Environment & Mechanical

• Color	Front & Rear Panel Black
• Mounting	Wall/ Stand/ VESA 75mm x 75mm
• Power Input	100 ~ 250 Vdc/ 47 ~ 63Hz
• Power Output	+12Vdc/ 5A (60W)
• Operating Temperature	-10 ~ 55°C (14 ~ 131°F) MPC-10W3 -10 ~ 40°C (14 ~ 104°F) MPC-10W5
• Storage Temperature	-20 ~ 75°C (-4 ~ 167°F)
• Relative Humidity	5% ~ 90% Relative Humidity, Non-condensing
• Dimension (W x D x H)	252.8mm x 190mm x 44.4mm
• Weight	1.24Kgs/ 1.34Kgs (w/ HDD) (1.22Kgs for MPC-10W3)

Ordering Information

- **MPC-10W3-A1T**
10" WSVGA TFT Touch Panel PC with Intel® Atom™ N270 1.6GHz CPU
- **MPC-10W3C-A1T**
10" WSVGA TFT Touch Panel PC with Intel® Atom™ N270 1.6GHz and 1.3M Camera
- **MPC-10W5-A1T**
10" WSVGA TFT Touch Panel PC with Intel® Atom™ D525 Dual-Core 1.8GHz CPU
- **MPC-10W5C-A1T**
10" WSVGA TFT Touch Panel PC with Intel® Atom™ D525 Dual-Core 1.8GHz CPU and 1.3M Camera
- **ACC-WIFI-USB-6R**
USB WiFi 802.11 b/g Module w/ Antenna, Cable
- **ACC-WIFI-PCIE-7R**
Mini PCI-E WiFi 802.11 b/g/n Module w/ Antenna, Cable
- **ACC-ARM-D16R**
Multi-VESA STAND, 75 & 100mm
- **ACC-CF-XX**
CompactFlash Card Series (xx=Capacity, Capacity Option: 128, 256, 512MB, 1, 2, 4, 8GB)

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