



Features

- 21.6" HD Digital Signage Panel PC
- MPC-21W3: Intel® Atom™ N270 1.6GHz
MPC-21W5: Intel® Atom™ D525 Dual-Core 1.8GHz CPU
MPC-21W2: AMD Athlon™ Neo X2 L325 Dual-Core 1.5GHz CPU
- Gigabit Ethernet, 5.1-CH Audio, 2W AMP
- 1 CF, 1 COM, 2 USB
- Optional Touch Screen, WiFi Module
- Fanless & +12V Single Power Input (MPC-21W3)/
Wide Voltage +12V ~ +28V Input, ErP Power
- VESA Compliance
- IP65 Compliant Front Panel

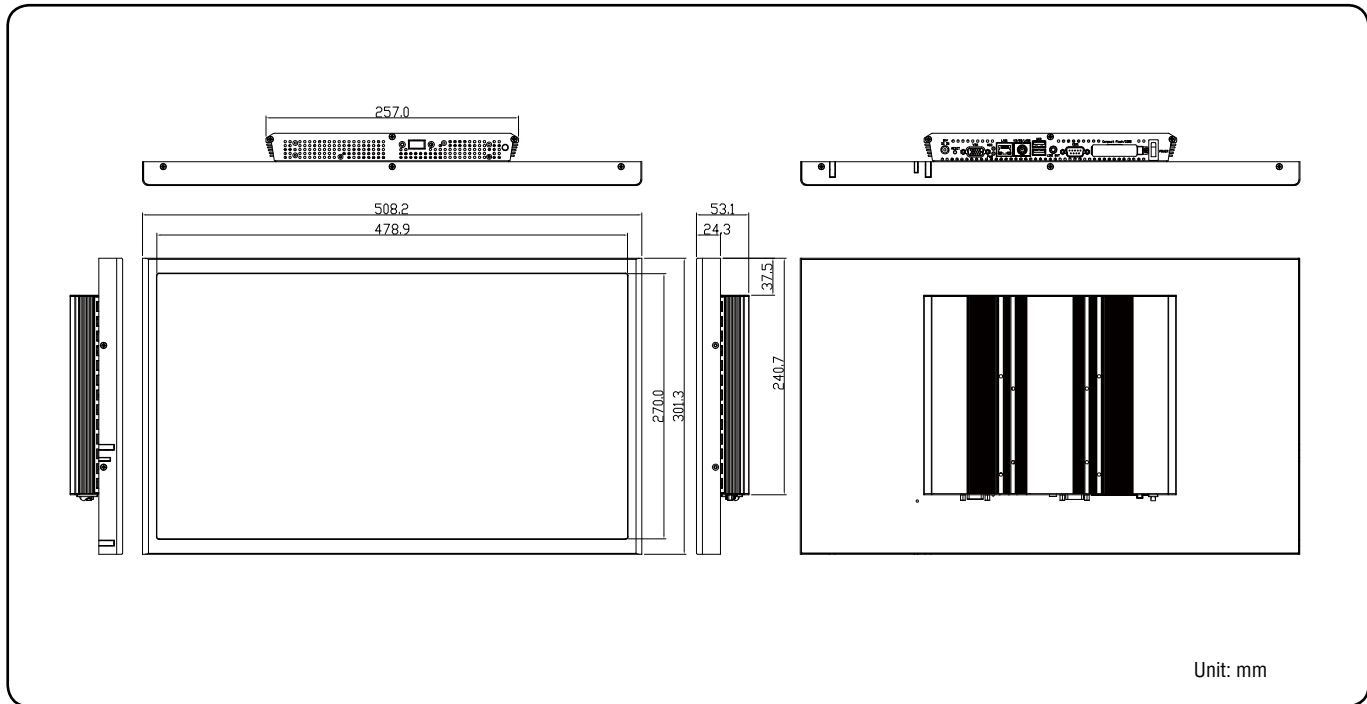
Intel®/AMD	GbE	5.1-CH Audio	2 AMP	CF
1 COM	2 USB	VESA		

Specifications

Model Name	MPC-21W2	MPC-21W3	MPC-21W5
• LCD Size	21.6", 16:9	21.6", 16:9	21.6", 16:9
• Resolution	1920 x 1080 HD, 16.7M	1920 x 1080 HD, 16.7M	1920 x 1080 HD, 16.7M
• Pixel Pitch	0.248mm (H) x 0.248mm (V)	0.248mm (H) x 0.248mm (V)	0.248mm (H) x 0.248mm (V)
• Luminance	300cd/m ²	300cd/m ²	300cd/m ²
• Contrast Ratio	1000	1000	1000
• 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	5ms	5ms	5ms
• Backlight	4 x CCFL	4 x CCFL	4 x 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 AMD Athlon™ Neo X2 Dual-Core L325 1.5GHz (15W) CPU	Onboard Intel® Atom™ N270 1.6GHz (2.5W) CPU	Onboard Intel® Atom™ D525 Dual-Core 1.8GHz CPU
• BIOS	AMI 8Mbit Flash BIOS	Award 8Mbit Flash BIOS	AMI 8Mbit Flash BIOS
• System Chipset	AMD RS780E (13W) + SB710 (4.5W) Chipset	Intel® 945GSE/ ICH7-M	Intel® ICH8-M Chipset (2.4W)
• I/O Chip	Winbond W83627DHG	ITE IT8712F	Winbond W83627DHG
• System Memory	Two 200-pin DDR2 SODIMM Supports Up to 4GB DDR2 667/800 SDRAM	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	One CF Socket Supports Type I/II Compact Flash Card
• Hard Drive Bay	Optional One 2.5" HDD or SSD	Optional One 2.5" HDD or SSD	Optional One 2.5" HDD or SSD
• WiFi	Optional Mini PCIe WiFi 802.11b/g/n	Optional USB WiFi 802.11b/g/n	Optional Mini PCIe WiFi 802.11b/g/n
• Watchdog Timer	Reset: 1 ~ 255min. and 1sec. or 1min./step	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	Monitoring System Temperature, Voltage, with Auto Throttling Control
• Expansion	2 x Mini PCIe	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 Jumper)	1 x RS-232/422/485 (Selected by BIOS)	1 x RS-232/422/485 (Selected by Jumper)
• Ethernet	1 x RJ-45 (Intel® RTL8111E Gigabit Ethernet, Optional Dual RTL8111E Gigabit 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	1 x DB-15
• Audio	1 x Line-out (Realtek ALC892 Supports 5.1-CH Audio)	1 x Line-out (Realtek ALC655 Supports 5.1-CH Audio)	1 x Line-out (Realtek ALC888 Supports 5.1-CH Audio)
• USB	2 x USB 2.0	2 x USB 2.0	2 x USB 2.0
• Mouse & K/B	1 x PS/2 KB & MS	N/A	1 x PS/2 KB & MS
• Speaker	2 x 5W	2 x 2W	2 x 2W
• HDMI & DVI	1 x HDMI, Optional DVI in CF Socket with Bracket	N/A	N/A



Diagram



Environment & Mechanical

• System Fan	1 x System Fan (MPC-21W2)
• Color	Front & Rear Panel Black
• Mounting	Wall/ Stand/ VESA 100mm X 100mm
• Power Input	100 ~ 250Vdc/ 47 ~ 63Hz
• Power Output	+12Vdc/ 7A (84W)
• Power Type	AT/ ATX
• Operating Temperature	0 ~ 40°C (32 ~ 104°F) MPC-21W2/ 21W3 0 ~ 50°C (32 ~ 122°F) MPC-21W5
• Storage Temperature	-20 ~ 75°C (-4 ~ 167°F)
• Relative Humidity	5% ~ 90% Relative Humidity, Non-condensing
• Dimension (W x D x H)	508.2mm x 301.3mm x 53.1mm
• Weight	6Kgs/ 6.69Kgs (with Touch)

Ordering Information

- **MPC-21W2-A1R**
21.6" TFT Panel PC with AMD Athlon™ Neo X2 L325 Dual-Core 1.5GHz CPU
- **MPC-21W2-A1T**
21.6" TFT Touch Panel PC with AMD Athlon™ Neo X2 L325 Dual-Core 1.5GHz CPU
- **MPC-21W3-A1R**
21.6" TFT Panel PC with Intel® Atom™ N270 1.6GHz CPU
- **MPC-21W3-A1T**
21.6" TFT Touch Panel PC with Intel® Atom™ N270 1.6GHz CPU
- **MPC-21W5-A1R**
21.6" TFT Panel PC with Intel® Atom™ D525 Dual-Core 1.8GHz CPU
- **MPC-21W5-A1T**
21.6" TFT Touch Panel PC with Intel® Atom™ D525 Dual-Core 1.8GHz CPU
- **ACC-LPC-WIFIUSB-2R**
USB WiFi 802.11 b/g Module w/ Antenna, Cable
- **ACC-ARM-D2R**
VESA STAND, 75 & 100mm
- **ACC-ARM-D8R**
Wall Mount Bracket VESA 75 & 100mm
- **ADD-ARM-D23R**
L Type Stylish Table Stand VESA 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