



MPC-42W9

42" Intel® Celeron® SoC Processor J1900 Fanless
Multi-Media Touch Panel PC with Full HD

- > Onboard Intel® Celeron® SoC J1900 2.0GHz BGA Processor
- > Optional 1.3M Camera, WiFi Module, Mini PCIe, Light Sensor & Remote Controller
- > Intel® I211AT Gigabit Ethernet, 5.1-CH Audio
- > 1 HDMI, 1 CF, 1 COM, 2 USB, 2.5" HDD Support
- > Fanless System & VESA Compliance
- > AC 110 ~ 220V Operation, ErP Power
- > Timer-Power-On
- > Front Side IP65 Dust and Water Proof

+ Spec

System	
Processor	Intel® Celeron® J1900 4-Core 2.0GHz processor
System Chipset	Intel® Valleyview SoC
System Memory	1 x204-Pin DDR3L 1066MHz SO-DIMM up to 8 GB or 204-Pin DDR3L 1333MHz SO-DIMM
I/O Chip	EC ITE IT8528E
Watchdog Timer	H/W Reset: 1sec.~255min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring System Temperature and Voltage with Auto Throttling Control
SBC	EBM-BYT
Expansion	
Expansion	1 xMini PCIe 1 xMini PCIe Supports mSATA
Storage	
Storage	1 xCompactFlash Type I/II Socket 1 x2.5" Drive Bay
I/O	
USB	1 xUSB 2.0 1 xUSB 3.0
Com Port	1 xRS-232/422/485
Display	
Chipset	Intel® Valleyview SoC integrated Graphics Supports dual display
Resolution	HDMI:Max. resolution 1920x1200@ 60Hz LVDS:Max. resolution 1920x1200@ 60Hz
Audio	
Chipset	Realtek ALC892 supports 5.1-CH
Audio Interface	Line-Out
Ethernet	
Chipset	1 xIntel® I211AT or Intel® I211AT
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
Lan Port	2 x RJ-45
Mechanical & Environmental	
Operating Temp	0°C ~ 40°C (32°F ~ 104°F)
Storage Temp	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Weight	Kgs
Dimension (L x W x H)	1045.4*663.4*86.4mm
Vibration Test	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
Shock Test	With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms
System Fan	Fanless
Construction - Front	Black
Construction - Rear	Black
Certifications	
Certification Information	CE FCC Class B
Software Support	



OS Information	Win 7 Linux Win 8
Power Requirement	
Power Connector	Lockable DC Jack
Power Requirement	+12V ~ +26V
Power Mode	AT/ATX
Adapter	Input: AC 110 ~ 220Vac Output: 240W Adapter (24V @ 10.0A Adapter)
Panel	
LCD Size	42", 16:9
Display Type	Full HD
Resolution	1920x1080
Pixel pitch	0.4845mm (H) x 0.4845mm (V)
Luminance	500cd/m2
Contrast ratio	4000
Viewing angle	89 (U), 89 (D), 89 (L), 89 (R)
Response time	8ms
Backlight	LED
Touch Type	SAW
Touch Light Transmission	90%

 Ordering

MPC-42W9-A1TMPC-42W w/J1900/2GR/LAN/COM/SPK/SAW TCH