



## Features

- Intel® Atom® x7-E3950 Processor
- EN50155 (2021) & EN45545-2 certified
- Fully IP65 waterproof protection
- Supports ultra-long-life LCD panel, M12 connectors
- Flat bezel design, projected capacitive 10.4" touch screen
- Optional wireless communication
- Supports 24V DC or 72/110V DC power input
- Auto dimming adjustable



## Specifications

CPU Type	Intel® Atom® x7-E3950 Processor 1.6GHz, up to 2.0GHz
Memory	Max DDR3L 8GB, Default 4GB
Display Size	10.4"
Max. Resolution	1024x768
Luminance (cd/m <sup>2</sup> )	500
Contrast	1000:1
Max. Color	16.2M
View Angle (H°/V°)	176/176
Backlight Lifetime(hrs)	50,000
Touch Type	Projected capacitive
Touch Interface	USB
Light Transmission (%)	89
Point of touch	10
I/O Interface	2x M12 A-code 8P GbE 2x M12 D-code 4P USB 2.0 1x M12 A-code 8P for RS-232/422/485 1x M12 A-code 4P DC-input
Power Button	Membrane key
Power Input Range	DC24V or DC 72V/ 110V
Membrane Control	Brightness up/down, volume up/down, power on/off
Audio	2x speakers
Internal Expansion	1x miniPCI-E (Full size) 1x miniPCI-E (Half size)
Wireless	Optional, Via miniPCI-E device
Storage	1x 2.5" HDD space, default 64GB SSD
Thermal Design	Fanless
Construction	Aluminums
Chassis Color (Front/Back)	Black/Black
IP Rating	IP65
Mounting	VESA 100x100/Rack mount
Dimensions	275mm(W) x 256mm(D) x 63mm(H) 10.8"(W) x 6.14"(D) x 2.48"(H)
Net Weight	4.3 kgs
Operating Temperature	-30°C ~ 70°C (-22°F ~ 158°F) with SSD, not including add-on cards
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Storage Humidity	10%~90% @40°C (non-condensing)
Certified	EN50155:2017, EN45545-2 CE/FCC class-A

Operating Systems	Windows 10 64bit/ Linux Kernel 4.X
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## Ordering Information

MPPC1001PC	10.4" EN50155 Certified Panel PC with IB818F-I50, Intel® Atom® x7-E3950 Processor, 4GB DDR3L memory, 64G SSD Storage, M12 connectors, DC 24V power input, no adaptor
MPPC1001PCH	10.4" EN50155 Certified Panel PC with IB818F-I50, Intel® Atom® x7-E3950 Processor, 4GB DDR3L memory, 64G SSD Storage, M12 connectors, DC 72/110V power input, no adaptor

## Dimensions

