

Industrial Touch Open Frame Panel PC w/h Removabel Alumium Front Bezel w/h Magnets Mounting Series for Home and Building Automation.



Model Number		VM190PPCW-TBV-OB	VM190PPC-TBV-OB	VM170PPC-TBV-OB	VM150PPC-TBV-OB	VM121PPC-TBV-OB	VM104PPC-TBV-OB	VM084PPC-TBV-OB	VM070PPCW-TBV-OB
CPU		Intel ATOM N270 1.6GHz	Intel ATOM N270 1.6GHz	Intel ATOM N270 1.6GHz	Intel ATOM N270 1.6GHz	Intel ATOM N270 1.6GHz	Intel ATOM N270 1.6GHz	Intel ATOM N270 1.6GHz	Intel ATOM N270 1.6GHz
Memory		DDR2 SODIMM up to 2GB	DDR2 SODIMM up to 2GB	DDR2 SODIMM up to 2GB	DDR2 SODIMM up to 2GB	DDR2 SODIMM up to 2GB	DDR2 SODIMM up to 2GB	DDR2 SODIMM up to 2GB	DDR2 SODIMM up to 2GB
Display	Type	TFT-LCD	TFT-LCD	TFT-LCD	TFT-LCD	TFT-LCD	TFT-LCD	TFT-LCD	TFT-LCD
	size	19" (16:9)	19" (4:3)	17" (4:3)	15" (4:3)	12" (4:3)	10.4" (4:3)	8.4" (4:3)	7" (16:9)
	Max. Resolution	1440 x 900 dpi	1280 x 1024 dpi	1280 x 1024 dpi	1024 x 768 dpi	800 x 600 dpi	800 x 600 dpi	800 x 600 dpi	800 x 480 dpi
	Max. Colors	16.7M	16.7M	16.7M	16.2 M	16.2 M	16.8M	16.2M	16.2M
	Luminance (cd/m ²)	300	250	300	350	400	230	450	400
	Viewing Angle (H/V)	160 / 160	170 / 170	160 / 160	140 / 125	160 / 110	140 / 120	150 / 150	160 / 140
Backlight MTBF (hr)		50,000 Hr	50,000 Hr	50,000 Hr	50,000 Hr	50,000 Hr	30,000 Hr	50,000 Hr	50,000 Hr
Touchscreen		5-wire Resistive Type	5-wire Resistive Type	5-wire Resistive Type	5-wire Resistive Type	5-wire Resistive Type	5-wire Resistive Type	5-wire Resistive Type	5-wire Resistive Type
HDD		1 x 2.5" HDD	1 x 2.5" HDD	1 x 2.5" HDD	1 x 2.5" HDD	1 x 2.5" HDD	1 x 2.5" HDD	1 x 2.5" HDD	1 x 2.5" HDD
NETWORK (LAN Chip)		1 x Intel 82574L	1 x Intel 82574L	1 x Intel 82574L	1 x Intel 82574L	1 x Intel 82574L	1 x Intel 82574L	1 x Intel 82574L	1 x Intel 82574L
I/O PORTS		1 x RS232 1x RS232/RS422/RS 485 1 x GLAN 2 x USB 2.0 1 x VGA 1x PS/2	1 x RS232 1x RS232/RS422/RS 485 1 x GLAN 2 x USB 2.0 1 x VGA 1x PS/2	1 x RS232 1x RS232/RS422/RS 485 1 x GLAN 2 x USB 2.0 1 x VGA 1x PS/2	1 x RS232 1x RS232/RS422/RS 485 1 x GLAN 2 x USB 2.0 1 x VGA 1x PS/2	1 x RS232 1x RS232/RS422/RS 485 1 x GLAN 2 x USB 2.0 1 x VGA 1x PS/2	1 x RS232 1x RS232/RS422/RS 485 1 x GLAN 2 x USB 2.0 1 x VGA 1x PS/2	1 x RS232 1x RS232/RS422/RS 485 1 x GLAN 2 x USB 2.0 1 x VGA 1x PS/2	1 x RS232 1 x GLAN 2 x USB 2.0 1 x VGA 1x PS/2
SATA		2	2	2	2	2	2	2	2
CompactFlash Slot		1	1	1	1	1	1	1	1
Mini PCI slot		1	1	1	1	1	1	1	1
DC in Power Input Voltage		12V ~ 30V	12V ~ 30V	12V ~ 30V	12V ~ 30V	12V ~ 30V	12V ~ 30V	12V ~ 30V	12V ~ 30V
Aluminum Bezel	Black	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Silver	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Operating Environments		Operating Temperature (0 ~ 45 °C) Storage Temp. (-10 ~ 70°C) Humidity 0%~90% relative Humidity Non-condensing	Operating Temperature (0 ~ 45 °C) Storage Temp. (-10 ~ 70°C) Humidity 0%~90% relative Humidity Non-condensing	Operating Temperature (0 ~ 45 °C) Storage Temp. (-10 ~ 70°C) Humidity 0%~90% relative Humidity Non-condensing	Operating Temperature (0 ~ 45 °C) Storage Temp. (-10 ~ 70°C) Humidity 0%~90% relative Humidity Non-condensing	Operating Temperature (0 ~ 45 °C) Storage Temp. (-10 ~ 70°C) Humidity 0%~90% relative Humidity Non-condensing	Operating Temperature (0 ~ 45 °C) Storage Temp. (-10 ~ 70°C) Humidity 0%~90% relative Humidity Non-condensing	Operating Temperature (0 ~ 45 °C) Storage Temp. (-10 ~ 70°C) Humidity 0%~90% relative Humidity Non-condensing	Operating Temperature (0 ~ 45 °C) Storage Temp. (-10 ~ 70°C) Humidity 0%~90% relative Humidity Non-condensing
Certifications		CE , RoSH	CE , RoSH	CE , RoSH	CE , RoSH	CE , RoSH	CE , RoSH	CE , RoSH	CE , RoSH
Operating System		Win 7, Win XP, Embedded XP, Linux	Win 7, Win XP, Embedded XP, Linux	Win 7, Win XP, Embedded XP, Linux	Win 7, Win XP, Embedded XP, Linux	Win 7, Win XP, Embedded XP, Linux	Win 7, Win XP, Embedded XP, Linux	Win 7, Win XP, Embedded XP, Linux	Win 7, Win XP, Embedded XP, Linux
VESA mounting		100 x 100 mm	100 x 100 mm	100 x 100 mm	100 x 100 mm	75 x 75 mm	75 x 75 mm	75 x 75 mm	75 x 75 mm
Movable Front Bezel		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Magnet Mounting		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Wall Box		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes