

# Wallmount Computers



	V2101-T-CE	V2101-T-XPE	V2101-T-LX	V2401-CE	V2401-XPE	V2401-LX	V2402-CE	V2402-XPE	V2402-LX
<b>Computer</b>									
CPU Speed	1.1 GHz	1.1 GHz	1.1 GHz	1.6 GHz	1.6 GHz	1.6 GHz	1.6 GHz	1.6 GHz	1.6 GHz
OS (pre-installed)	WinCE 6.0	Windows Embedded Standard 2009	Linux	WinCE 6.0	Windows Embedded Standard 2009	Linux	WinCE 6.0	Windows Embedded Standard 2009	Linux
FSB	400 MHz	400 MHz	400 MHz	533 MHz	533 MHz	533 MHz	533 MHz	533 MHz	533 MHz
Flash	–	–	–	–	–	–	–	–	–
System Memory	1 GB (2 GB max.)	1 GB (2 GB max.)	1 GB (2 GB max.)	1 GB (2 GB max.)	1 GB (2 GB max.)	1 GB (2 GB max.)	1 GB (2 GB max.)	1 GB (2 GB max.)	1 GB (2 GB max.)
USB Ports	4 (USB 2.0)	4 (USB 2.0)	4 (USB 2.0)	6 (USB 2.0)	6 (USB 2.0)	6 (USB 2.0)	6 (USB 2.0)	6 (USB 2.0)	6 (USB 2.0)
Digital I/O	3 Dis, 3 DOs	3 Dis, 3 DOs	3 Dis, 3 DOs	4 Dis, 4 DOs	4 Dis, 4 DOs	4 Dis, 4 DOs	4 Dis, 4 DOs	4 Dis, 4 DOs	4 Dis, 4 DOs
<b>Storage</b>									
Built-in	2 GB	2 GB	2 GB	2 GB (DOM)	2 GB (DOM)	2 GB (DOM)	2 GB (DOM)	2 GB (DOM)	2 GB (DOM)
CompactFlash Socket	–	–	–	✓	✓	✓	✓	✓	✓
SD Slot	✓	✓	✓	–	–	–	–	–	–
HDD Support	–	–	–	✓	✓	✓	✓	✓	✓
<b>Other Peripherals</b>									
KB/MS	–	–	–	✓	✓	✓	✓	✓	✓
Audio	line-in/out	line-in/out	line-in/out	line-in/out	line-in/out	line-in/out	line-in/out	line-in/out	line-in/out
<b>Display</b>									
Graphics Controller	✓	✓	✓	✓	✓	✓	✓	✓	✓
VGA Output	✓	✓	✓	✓	✓	✓	✓	✓	✓
DVI Output	–	–	–	✓	✓	✓	✓	✓	✓
LVDS Output	✓	✓	✓	✓	✓	✓	–	–	–
<b>LAN Interface</b>									
10/100/1000 Mbps Ethernet Ports	2	2	2	2	2	2	2	2	2
Magnetic Isolation Protection	1.5 KV	1.5 KV	1.5 KV	1.5 KV	1.5 KV	1.5 KV	1.5 KV	1.5 KV	1.5 KV
<b>Serial Interface</b>									
RS-232 Ports	–	–	–	8 (68-pin VHDC)	8 (68-pin VHDC)	8 (68-pin VHDC)	–	–	–
RS-232/422/485 Ports	2 (DB9-M)	2 (DB9-M)	2 (DB9-M)	4 (DB9-M)	4 (DB9-M)	4 (DB9-M)	4 (DB9-M)	4 (DB9-M)	4 (DB9-M)
ESD Protection	2 KV	2 KV	2 KV	4 KV	4 KV	4 KV	4 KV	4 KV	4 KV
Serial Communication Parameters	Data Bits: 5, 6, 7, 8; Stop Bits: 1, 1.5, 2; Parity: None, Even, Odd, Space, Mark								
Flow Control	RTS/CTS, XON/XOFF			RTS/CTS, XON/XOFF, ADDC@					
Baudrate	50 bps to 115.2 Kbps			50 bps to 921.6 Kbps (non-standard baudrates supported)					
<b>LEDs</b>									
System	Power, Storage								
LAN	100M, 1000M	100M, 1000M	100M, 1000M	100M, 1000M	100M, 1000M	100M, 1000M	100M, 1000M	100M, 1000M	100M, 1000M
Serial	Tx, Rx	Tx, Rx	Tx, Rx	Tx, Rx	Tx, Rx	Tx, Rx	Tx, Rx	Tx, Rx	Tx, Rx
<b>Physical Characteristics</b>									
Housing	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Weight	940 g	940 g	940 g	2.1 kg	2.1 kg	2.1 kg	2 kg	2 kg	2 kg
Dimensions	150 x 49 x 125 mm			250 x 57 x 152 mm					
Mounting	DIN-Rail, wall, VESA								
<b>Environmental Limits</b>									
Operating Temperature	-40 to 85°C			-10 to 60°C					
Storage Temperature	-40 to 85°C								
Ambient Relative Humidity	5 to 95% (non-condensing)								
Anti Vibration / Shock	2 g's / 20 g's			5 g's / 50 g's					
<b>Standards and Certifications</b>									
Safety	UL 508, UL 60950-1, CSA C22.2 No. 60950-1-07, EN 60950-1, CCC (GB9254, GB17625.1)								
EMC	EN 55022 Class A, EN 61000-3-2 Class D, EN 61000-3-3, EN 55024, FCC Part 15 Subpart B Class A								
Green Product	RoHS, cRoHS, WEEE								
<b>Reliability</b>									
Buzzer, RTC, WDT	✓	✓	✓	✓	✓	✓	✓	✓	✓
Warranty	3 years (see <a href="http://www.moxa.com/warranty">www.moxa.com/warranty</a> )								

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	V2422-XPE	V2422-LX	V462-CE	V462-XPE	V464-CE	V464-XPE	V466-CE	V466-XPE	V468-CE	V468-XPE
<b>Computer</b>										
CPU Speed	1.6 GHz	1.6 GHz	500 MHz	500 MHz	500 MHz	500 MHz	500 MHz	500 MHz	500 MHz	500 MHz
OS (pre-installed)	Win. Embedded Stand. 2009	Linux	WinCE 6.0	WinXP Emb.	WinCE 6.0	WinXP Emb.	WinCE 6.0	WinXP Emb.	WinCE 6.0	WinXP Emb.
SRAM	–	–	256 KB	256 KB	256 KB	256 KB	256 KB	256 KB	256 KB	256 KB
FSB	533 MHz	533 MHz	400 MHz	400 MHz	400 MHz	400 MHz	400 MHz	400 MHz	400 MHz	400 MHz
System Memory	1 GB (2 GB max.)	1 GB (2 GB max.)	256 MB (1 GB max.)	512 MB (1 GB max.)	256 MB (1 GB max.)	512 MB (1 GB max.)	256 MB (1 GB max.)	512 MB (1 GB max.)	256 MB (1 GB max.)	512 MB (1 GB max.)
PCMCIA	–	–	✓	✓	–	–	–	–	–	–
Expansion Bus	–	–	PC/104-Plus onboard							
USB Ports	6 (USB 2.0)	6 (USB 2.0)	4 (USB 2.0)	4 (USB 2.0)	4 (USB 2.0)	4 (USB 2.0)	4 (USB 2.0)	4 (USB 2.0)	4 (USB 2.0)	4 (USB 2.0)
Digital I/O	4 Dis, 4 DOs	4 Dis, 4 DOs	–	–	–	–	–	–	8 Dis, 8 DOs	8 Dis, 8 DOs
<b>Storage</b>										
Built-in	2 GB (DOM)	2 GB (DOM)	256 MB	1 GB	256 MB	1 GB	256 MB	1 GB	256 MB	1 GB
CompactFlash Socket	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Other Peripherals</b>										
KB/MS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Audio	Line-in/out		line-out							
<b>Display</b>										
Graphics Controller	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>LAN Interface</b>										
10/100 Mbps Ethernet Ports	–	–	2	2	4	4	4	4	4	4
10/100/1000 Mbps Ethernet Ports	2 (RJ45)	2 (RJ 45)	–	–	–	–	–	–	–	–
Switch Ports	–	–	–	–	–	–	8	8	–	–
Controller	Realtek RTL8100CL									
Magnetic Isolation Protection	–	–	1.5 KV	1.5 KV	1.5 KV	1.5 KV	1.5 KV	1.5 KV	1.5 KV	1.5 KV
<b>Serial Interface</b>										
RS-232 Ports	–	–	2 (DB9-M)	2 (DB9-M)	2 (DB9-M)	2 (DB9-M)	2 (DB9-M)	2 (DB9-M)	2 (DB9-M)	2 (DB9-M)
RS-485	–	–	–	–	–	–	–	–	–	–
RS-232/422/485 Ports	4 (DB9-M)	4 (DB9-M)	2 (DB9-M)	2 (DB9-M)	2 (DB9-M)	2 (DB9-M)	2 (DB9-M)	2 (DB9-M)	2 (DB9-M)	2 (DB9-M)
ESD Protection	8 KV	8 KV	15 KV	15 KV	15 KV	15 KV	15 KV	15 KV	15 KV	15 KV
Serial Communication Parameters	Data Bits: 5, 6, 7, 8; Stop Bits: 1, 1.5, 2; Parity: None, Even, Odd, Space, Mark									
Flow Control	RTS/CTS, XON/XOFF, ADDC®									
Baudrate	50 bps to 921.6 Kbps (non-standard baudrates supported)									
<b>LEDs</b>										
System	Power, Storage		Power, Battery, Storage							
LAN	100M, 1000M		10M, 100M				10M, 100M, Switch		10M, 100M	
<b>Physical Characteristics</b>										
Housing	Aluminum		Aluminum							
Weight	4 kg		1.32 kg							
Dimensions	154 x 250 x 86 mm		223 x 121 x 57 mm							
Mounting	DIN-Rail, wall, VESA		DIN-Rail, wall							
<b>Environmental Limits</b>										
Operating Temperature	-10 to 60°C		-10 to 60°C							
Storage Temperature	-20 to 80°C		-20 to 80°C or -40 to 85°C							
Ambient Relative Humidity	5 to 95% (non-condensing)		5 to 95% (non-condensing)							
Anti Vibration / Shock	EN 50155		5 g's / 50 g's							
<b>Regulatory Approvals</b>										
Safety	UL 508, UL 60950-1, CSA C22.2 No. 60950-1-07, EN 60950-1, CCC (GB9254, GB17625.1)		UL 60950-1, CSA C22.2 No. 60950-1-03, EN 60950-1, CCC (GB4943, GB9254, GB17625.1)							
EMC	EN 55022 Class A, EN 61000-3-2 Class D, EN 61000-3-3, EN 55024, FCC Part 15 Subpart B Class A		EN 55022 Class A, EN 61000-3-2 Class A, EN 61000-3-3, EN 55024, FCC Part 15 Subpart B Class A							
Rail Traffic	EN 50155		–							
Green Product	RoHS, CRoHS, WEEE		RoHS, CRoHS, WEEE							
<b>Reliability</b>										
Buzzer, RTC, WDT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Warranty	3 years (see www.moxa.com/warranty)									

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