

x86-based Wallmount Embedded Computers



: x86-based Processor with Powerful Performance

These V Series computers feature either Intel or AMD processors, offering powerful performance for sophisticated industrial applications,

such as data acquisition, data computing and protocol conversion.

: Display Output for Field Site Monitoring

All V series computers are equipped with a VGA output, providing an ideal solution for applications that involve field site monitoring. Some

models even come with LVDS output, offering more display connection flexibility.

: Multiple Communication Interfaces

All V series computers feature a variety of communication interfaces, such as serial ports, DI/DO channels, LAN ports, switch ports, PCMCIA slots, USB hosts, and CompactFlash sockets. This wide range of

interface options make Moxa's V series computers perfect solutions for industrial automation, such as in factory automation, production lines, and even mining facilities.

Model Name	Serial Ports		LAN Ports		Storage			PCMCIA	DI/DO 30 VDC	Switch	OS		Wide Temp.
	RS-232	RS-232/ 422/485	10/100 Mbps	Gigabit	CF	USB	IDE				CE	XPE	
V462	2	2	2	-	✓	4	-	✓	-	-	✓	✓	-
V464	2	2	4	-	✓	4	-	-	-	-	✓	✓	-
V466	2	2	4	-	✓	4	-	-	-	8	✓	✓	-
V468	2	2	4	-	✓	4	-	-	8/8	-	✓	✓	-
V481	-	8	1	1	✓	2	✓	-	-	-	✓	✓	✓

Model Name	Serial Ports		LAN Ports		Storage					DI/DO	Display			Wide Temp.
	RS-232	RS-232/ 422/485	10/100 Mbps	10/100/ 1000 Mbps	CF	SD	USB		SATA		VGA	DVI	LVDS	
							M12	Type A						
V2101	-	2	-	2	✓	✓	-	4	-	3/3 (30 VDC)	✓	-	✓	✓
V2401	8	4	-	2	✓	-	-	4	✓	4/4 (5 VDC)	✓	✓	✓	-
V2402	-	4	-	2	✓	-	-	4	✓	4/4 (5 VDC)	✓	✓	-	-
V2406	-	4	2 (M12)	-	✓	-	1	2	✓	6/2 (30 VDC)	✓	✓	-	✓
V2422	-	4	-	2	✓	-	-	6	✓	4/4 (5 VDC)	✓	✓	-	-
V2426	-	4	2 (M12)	-	✓	-	1	2	✓	6/2 (30 VDC)	✓	✓	-	✓



Moxa's products are designed with efficient operation and high reliability in mind. This is why Moxa offers EN 50155 and EN 50121

certified solutions that incorporate extensive future-proof features and functions specifically for railway applications.

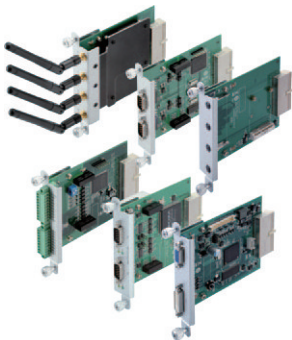
Brand New Computers for AFC and Rolling Stock

Low Power Consumption

All V series computers feature sophisticated power-saving designs. For example, Moxa's V2100 and V2400 series Intel Atom computers consume less than 30 W of power, yet feature powerful performance.

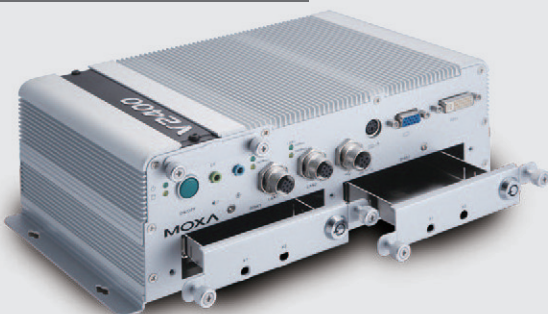
This combination of low power requirements and high performance is particularly helpful for industrial applications such as Automatic Fare Collection (AFC) and rolling stock.

V Series Expansion Modules



Modules	Description
EPM-3337	Wireless module with GSM, GPRS, EDGE, HSDPA, GPS, WLAN 802.11 a/b/g/n
EPM-3112	2 isolated CAN ports with DB9 connectors
EPM-3438	8 DIs and DOs with 3KV digital isolation protection, 2 KHz counter
EPM-3032	2 isolated RS-232/422/485 ports with DB9 connectors
EPM-DK01	1-slot mini PCI & mini PCIe expansion module
EPM-3552	VGA and DVI-I

Product Spotlight



V2416
x86-based wallmount embedded computer

- Intel Atom N270 1.6 GHz, 512K Level 2 cache
- Dual independent displays (VGA, DVI-I selectable)
- 4 RS-232/422/485 serial ports, supporting non-standard baudrates
- 3 USB 2.0 hosts, 6 DIs, 2 DOs, CompactFlash socket
- 2 removable and hot swappable trays for storage expansion
- 2 SATA-150 connectors for HDD/SSD expansion
- Non-symmetric leveraged storage socket design (patent pending)