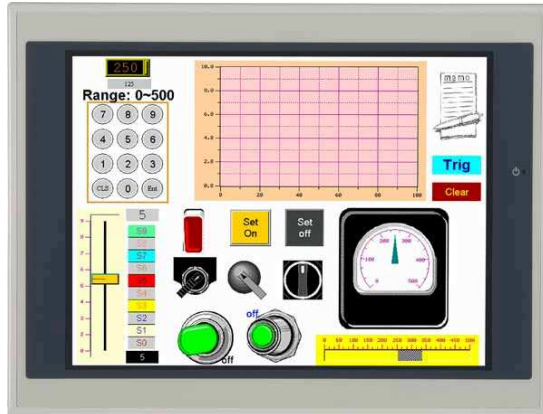


effectiView eVD Series Panel Computers

The effectiView eVD Series of Panel Computers running the Windows CE operating system are state-of-the-art HMI devices designed to meet the most advanced embedded application needs while offering a low cost solution. Solid-state disk and fanless operation make the products ideal for industrial environments. They provide a powerful and convenient platform to implement thin client applications.



- Available with Windows CE .NET 5.0 and 6.0
- ARM9 processor
- Fanless operation
- Display size from 8.4" to 12.1" with resolution up to 800x600 pixels
- TFT display with 64K colors
- Resistive touchscreen
- 10/100 Ethernet interface
- 2x USB 2.0 Host interfaces
- IP65 front panel protection

Highlights

The effectiView eVD Series of panel computers are part of the effectiView family of HMI products. They offer the same look and feel, as well as mechanical compatibility, of the successful eV Series while the flexible and powerful Windows CE platform with its graphical user interface and communication capabilities.

Microsoft® Windows® CE is a robust, compact, highly efficient, scalable operating system (OS) that is designed for a variety of embedded systems and products. Its multithreaded, multitasking, fully preemptive OS environment is designed specifically for hardware with limited resources.

The eVD workstations are the ideal platform for running web browsers and turning the product into a perfect thin client station for use in industrial and building automation applications.

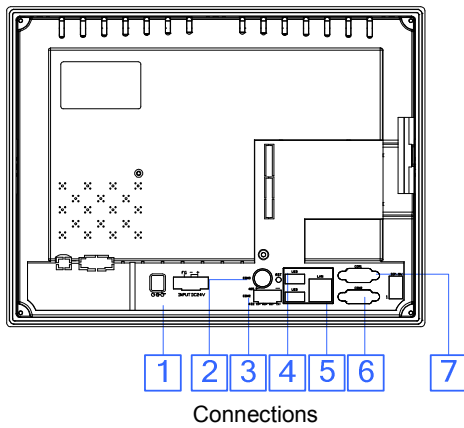
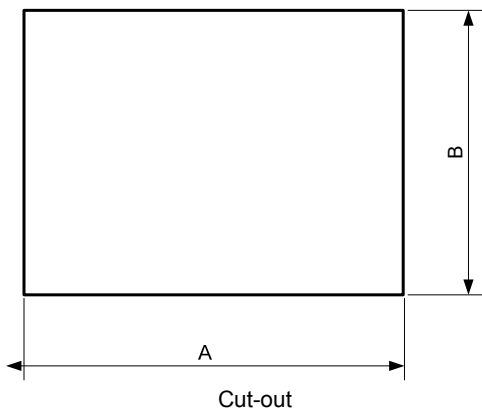
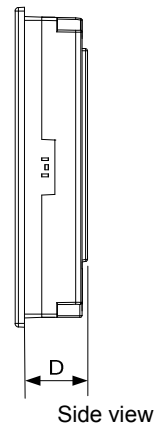
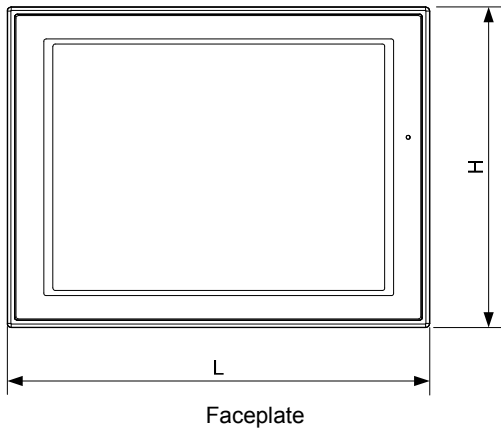
- Windows CE .NET version 5 and optionally version 6.0
- OEM builds available on demand. Standard build includes Internet Explorer.
- Built-in 10/100 Mb Ethernet port
- 2 USB host ports for connecting external keyboards, mouse or flash drives. eV104-VNT has one additional USB port on the front panel
- JVM optionally available

Technical Data

Display	Type	Resolution	Diagonal	Colors	Dimming	Backlight
eVD084-TNT	TFT	800x600	8.4"	64K	Yes	CCFL
eVD104-VNT	TFT	640x480	10.4"	64K	Yes	CCFL
eVD121-TNT	TFT	800x600	12.1"	64K	Yes	CCFL

Processing Unit CPU Flash Memory RAM Memory	ARM9 200 MHz 32 MB 128 MB	Current consumption Weight Battery	See table See table Rechargeable, not user replaceable
Front panel Touch screen	Analog resistive	Environmental Conditions Operating temperature Storage temperature Operating and storage humidity Protection class	0 to 50 °C -20 to 60 °C 10 – 90 % RH non-condensing IP65 front IP20 rear
Interfaces Ethernet USB Serial	10/100 Base-T 2x Host V2.0 (3x Host eVD104-VNT) COM1 RS-232, RS-422, RS-485 COM2 RS-232, RS-422, RS-485 COM3 RS-232	Dimensions Faceplate LxH Cutout AxB Mounting depth D	See table See table See table
Functionality Hardware RTC Non-volatile RAM Screen saver Buzzer	Yes, battery backed 128 KB with battery back-up Yes Yes, audible feedback for touch screen	Approvals CE	Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments
Ratings Power supply voltage	24 VDC		

	Current Consumption	Weight	Faceplate LxH	Cutout AxB	Mounting depth
eVD084-TNT	1.2 A	0.9 Kg	232.5x175.8 mm	221.5x164 mm	44 mm
eVD104-VNT	1.2 A	1.4 Kg	297x224 mm	285.5x210.5 mm	47 mm
eVD121-TNT	1.2 A	2.2 Kg	315x241 mm	301.5x228 mm	50 mm



- 1 Power Supply
- 2 COM3 Serial Port (RS-232)
- 3 COM2 Serial Port (RS-422, RS-485)
- 4 2x USB Ports
- 5 Ethernet Port
- 6 COM2 Serial Port (RS-232, RS-485)
- 7 COM1 Serial Port (RS-232, RS-422, RS-485)

Ordering Information

eVD084-TNT-5A	Panel Computer, 8.4" TFT display, 800x600, 64K colors, 32MB Flash, 128MB RAM, Ethernet interface, 2 USB interfaces, Windows CE 5.0
eVD084-TNT-6A	Panel Computer, 8.4" TFT display, 800x600, 64K colors, 32MB Flash, 128MB RAM, Ethernet interface, 2 USB interfaces, Windows CE 6.0
eVD104-VNT-5A	Panel Computer, 10.4" TFT display, 640x480, 64K colors, 32MB Flash, 128MB RAM, Ethernet interface, 3 USB interfaces, Windows CE 5.0
eVD104-VNT-6A	Panel Computer, 10.4" TFT display, 640x480, 64K colors, 32MB Flash, 128MB RAM, Ethernet interface, 3 USB interfaces, Windows CE 6.0
eVD121-TNT-5A	Panel Computer, 12.1" TFT display, 800x600, 64K colors, 32MB Flash, 128MB RAM, Ethernet interface, 2 USB interfaces, Windows CE 5.0
eVD121-TNT-6A	Panel Computer, 12.1" TFT display, 800x600, 64K colors, 32MB Flash, 128MB RAM, Ethernet interface, 2 USB interfaces, Windows CE 6.0

Tn290 Ver. 1.0

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