

VPC-1800-G

Industrial Computer

Intel® Core™ i3-13100TE,
Core™ i5-13500TE / i7-13700TE



Technology for a better life

Features

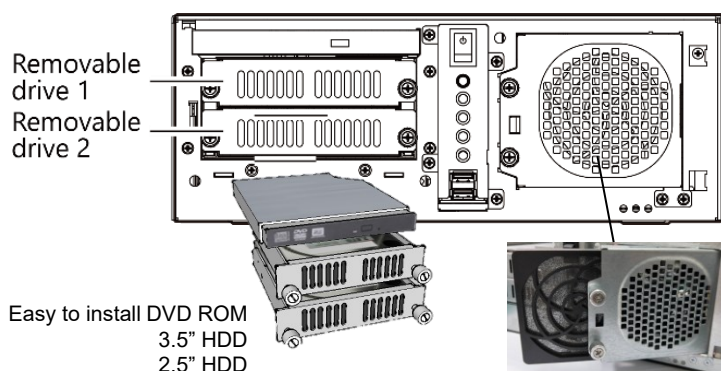
- Intel®12th/13th Gen Core™ processor in LGA1700 Up to 35W
- 4 x DDR5-4800 Non-ECC U-DIMM up to 128GB
- 3xPCI or 1x PCIe + 2x PCI (optional Riser Card)
- 2x 2.5"/3.5" removable SATAIII storage drive, support RAID 1.0
- 4x COM, 3x LAN, 6x USB3.2 Gen1, 2x USB3.2 Gen2, 2x USB2.0
- Triple display; DVI-I, Display port and HDMI supported

<https://www.contec.com/>

TAIWAN CONTEC CO., LTD.
9FL, No. 738, Zhongzheng Road,
Zhonghe District, Xinbei 23511
TAIWAN Tel: +886-2-8227-8669

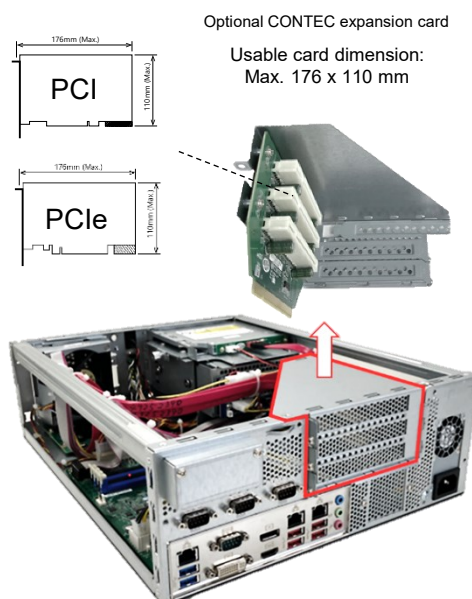


Hot-swappable Storage & DVD ROM



Cooling system

Suggested Expansion Card Dimension



Tool-Less Design

The tool-less design of the VPC-1800 facilitates maintenance and upgrades by allowing the chassis to be opened without tools, thus maximizing system uptime

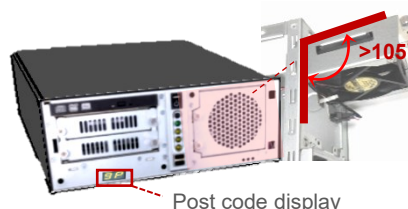
Quick Disassemble Front Bezel



Security Slot

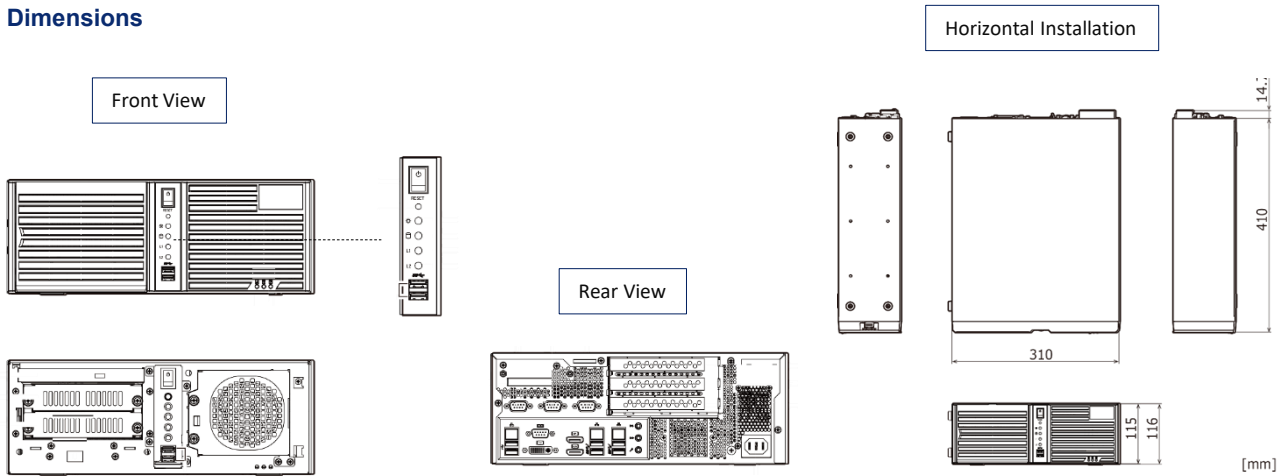


Convenient Maintenance Fan Filter Design



More than 105 degrees open angle for workspace

■ Dimensions



Specifications

CPU	Intel® Celeron® Processor G6900TE 2.4GHz / 35W Intel® Core™ i3-13100TE Processor 4.1GHz / 35W Intel® Core™ i5-13500TE Processor 4.5GHz / 35W Intel® Core™ i7-13700TE Processor 4.8GHz / 35W
CHIPSET	Intel® Q670 PCH
BIOS	AMI UEFI BIOS
MEMORY	4 x DDR5 4800MHz U-DIMM socket, up to 128GB (Non-ECC)
GRAPHIC CONTROLLER	Intel® UHD graphic 710 / 730 / 770 (By CPU type)
DISPLAY INTERFACE	1x HDMI (4096 x 2160 @60Hz Max.) 1x DisplayPort (4096 x 2160 @60Hz Max.) 1x DVI-I (1920 x 1080 @60Hz Max.)
STORAGE I/F	- Removable drive, SATA III 2.5 / 3.5-inch x 2 Hardware RAID (Mirroring) / Software RAID (Mirroring) - 1x M.2 Key M 2280 (Support NVMe/ SSD/ HDD)
ETHERNET	3x RJ45 connector on rear I/O : - 1x 10/100/1000 BASE-T(Intel i219-LM) - 2x 10/100/1000/2500 BASE-T(Intel i225-V)
USB PORT	6x USB3.2 Gen2 port (rear I/O) 2x USB3.2 Gen1 port (front I/O)
EXPANSION	3x PCI or 1x PCIe x1 + 2x PCI (optional Riser Card)
SERIAL PORT	1x RS232/422/485 on rear I/O D-sub 9 pin 3x RS232 on rear I/O D-sub 9 pin
AUDIO	HD Audio compliant, 3.5φ stereo mini jack, Realtek ALC888 controller, 1x Line out, 1x Line in, 1x Mic in
WATCHDOG TIMER	Software programmable, 255 level (1sec - 255 sec), Causes a reset upon time-out.
HARDWARE MONITORING	System monitor(Voltage, Fan Speed and Temperature)
POWER MANAGEMENT	ATX 250W
TPM	Onboard TPM 2.0 (Infineon® SLB9672VU2.0)
DIMENSION (W) x (H)	115(W) x 410(D) x 310(H) (No protrusions)
RTC BATTERY	CR2032 (Battery socket)
OPERATING TEMPERATURE	Operating temperature: 5° C ~ 40° C Storage temperature:-20° C ~ 60° C Operating Humidity : 20% ~ 80% , non-condensing
OS DRIVER SUPPORT	Windows 10 IoT Enterprise 2021 LTSC (64-bit) Windows 11 IoT Enterprise 2024 LTSC (64-bit)
CERTIFICATE	CE / FCC (Class A) , UKCA , RoHS2.0