

New!

Operates 24 / 7, FA PC that works for 365 days

VPC-2000 series

Compatible with Intel® Core™ i7 processor



High performance

Compatible with high speed quad core Intel® Core® i7 Processor
High performance Intel Q57 chipset is adopted.

Reliable, long life design

Carefully selected parts and original know-how of design and manufacturing.
Long term stable supply and repair service are available.

■Standard Models (Base unit)

VPC-2000-16000B

Pentium G6950 (2.8GHz), 2GB Memory

VPC-2000-36000B

Core i5 660 (3.33GHz), 2GB Memory

VPC-2000-46000B

Core i7 860 (2.8GHz), 2GB Memory

Excellent extendibility

Features high speed x16 / x4 PCI Express slots for high speed image processing boards.

Lower cost but industrial grade

With optimized production system by original knowledge, stable supply and lower price are consistent for the reliable long life time industrial PC.

■Options

Memory

4GB DDR3

HDD

160GB SATA, 2TB SATA

RAID

Software mirroring, Hardware mirroring

Optical Drive

DVD Multi drive

OS

Windows XP PRO(32bit) Multi language (English/Japanese/Chinese)

Windows XP PRO(32bit) Japanese

Windows 7 PRO(32bit) Multi language (English/Japanese/Chinese)

Windows 7 PRO(32bit) Japanese

Human interfaces

PS/2 keyboard (English/Japanese), Mouse

Please contact your sales office for customization and the other options

Specifications

■ Functional Specifications

Main board Specification	
CPU* ¹	- Intel Core i7 860 *² ----- 2.8GHz - Intel Core i5 660 ----- 3.33GHz - Intel Pentium G6950 ----- 2.8GHz
Chipset	Intel Q57 / ICH10DO
BIOS ROM	AMI BIOS
Memory* ¹	2048MB (1024MB x 2), 4096MB (1024MB x 4) (DDR3 SDRAM DIMM)
Hard disk drive* ¹	- SATA II 3.5"HDD 160GB/2TB (Software/Hardware)RAID1 - SATA II 3.5"HDD 160GB/2TB x 1 or x 2
Optical drive	DVD super multi drive Max. reading speed DVD-ROM x16, CD-ROM x48 Max. writing speed DVD+/-R x24, DVD+RW x8, DVD-RW x6, DVD-R DL x12, DVD+R9 x12, DVD-RAM x12, CD-R x48, CD-RW x32
VGA	Digital DVI-I 29Pin, Analog RGB(D-SUB 15Pin)
USB port	Front 2 port Rear 6 port
PS/2 port	2 port (Keyboard/Mouse)
Audio	HDAC/ALC888 CODEC (7.1+2CH audio codec)
Serial	RS-232C D-SUB 9pin x 4
Parallel	D-SUB 25pin x 1
LAN port	10BASE-T/100BASE-TX/1000BASE-T RJ45 x 2
Digital I/O	Front: LED output x2, Rear: output x2, Input x4 (Software API supports User application)
RAS function	WDT: 1 sec~255sec (Resetting operation by end) Remote reset/Remote power on External input signal Software RAS function (Fan rotation, temperature, Voltage data reading)
Extended slot	PCI Express x16 x1 (Max:176mm(L) x 110mm(H)) * ³ PCI Express x1 x1 (Max:176mm(L) x 110mm(H)) PCI x2 (Max:176mm(L) x 110mm(H))
OS* ¹	- Windows XP Professional (32bit) JPN - Windows XP Professional (32bit) [ENU/JPN/CHS] - Windows 7 Professional (32bit) JPN - Windows 7 Professional (32bit) ENU
Stand	Wall mount
Physical dimensions (mm)/Weight	370(W) x 470(D) x 166(H) (No protrusions) / About 14Kg* ⁴
Power	400W ATX Power (90-264VAC(47-63Hz) Automatic input switch)

*¹ Implement and install the options you selected.

*² DVI-I and A-RGB of onboard can not use when you were selected the Core i7 860.
The Graphic board is installed when the Core i7 860 is installed.

*³ The PCI Express x16 slot is monopolized when the graphic board is installed on the Core i7 860.

*⁴ Only the weight of the main unit. It weighs about 14.5kg when you install with the graphic board.

■ Environmental Specifications

Operating temperature/humidity		5~40°C / 20~80%RH (No condensation)
Storage temperature/humidity		-20°C~60°C / 5~80%RH (No condensation)
Floating dust particles/Corrosive gases		Not to be excessive/None
Line-noise resistance	Static electricity resistance	Contact discharge / ± 4 KV(EN61000-4-2Level2, IEC1000-4-2 Level2) Atmospheric discharge / ± 8 KV(EN61000-4-2Level3, IEC1000-4-2 Level3)
	Line noise	AC line / 2KV, Signal line / 1KV (EN61000-4-4Level3, IEC1000-4-4Level3)
Vibration resistance	Sweep resistance	10~57Hz / semi-amplitude 0.015m 57~150Hz / 0.2G 40 min each X,Y, and Z directions (JIS C0040 compliant, IEC68-2-6 compliant)
Impact resistance		10G, half-sine shock for 11 ms in X,Y, and Z directions (JIS C0041 compliant, IEC68-2-27 compliant)
Standard		RoHS EMC (EN55022, EN61000-6-2) and LVD (EN60950-1)

Do not use under environmental conditions beyond normal specifications. The system may malfunction.

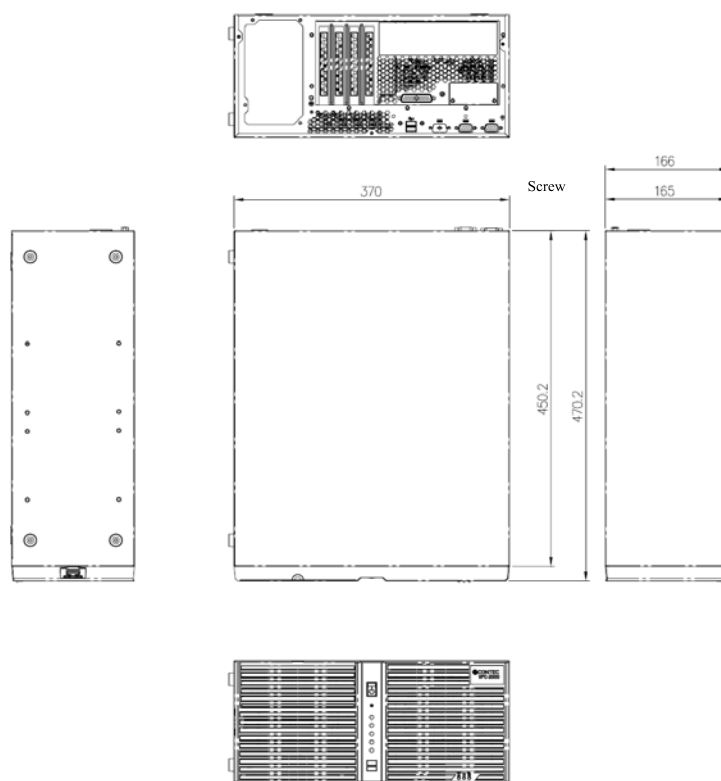
■ Optional Mirror card specifications

Item	Specification
Number of connected drivers	2
RAID level	1
Storage capacity	Max. 2TB
Cache memory size	1MB
Host interface	S-ATA interface Max. data transfer rate : 3Gbps
Drive interface	S-ATA interface Max. data transfer rate : 3Gbps
Range of power-supply voltage	4.75VDC~5.25VDC
Current consumption	1.0A
Physical dimensions (L x W)	96mm x 98.2mm
Weight	42g (max.)

■ Optional Graphics card specifications

Item	Specification
GPU	AMD M72-CSP128
Graphics memory	128MBH DDR3 on chip (2pcs of 16M x 32bit)
Connector	A-RGB/DVI-I, A-RGB, TV-out
Maximum display ability	2048 x 1536, 85Hz
Physical dimensions (L x W)	167.6mm x 68.9mm

External Dimensions



www.contec.com

JAPAN(Headquarters)

CONTEC CO.,LTD.

3-9-31, Himesato, Nishiyodogawa-ku,

Osaka 555-0025, Japan

Tel : 81-6-6477-5219

Fax : 81-6-6477-1692

http://www.contec.co.jp/