

A New Take on PC-Based Operation

Panel computer with compact design, light weight, and sleek look

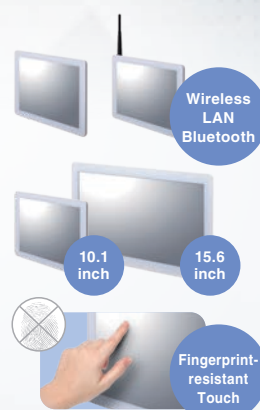
PT-V10W/15W Series



VESA standard support

* A VESA arm is not included with the product.

Available models



Thin fan-less design with a depth of only 26 mm / 1.02-inch*

Simple installation on a VESA mount with thin design.

* PT-V10W:26mm/1.02-inch PT-V15W:38.7mm/1.52-inch

AC adapter and terminal block power inputs available

The computer works with 12 to 24VDC power supplied from an AC adapter (via the DC jack) or via the detachable terminal blocks.

This enables use in both office automation (with commercial power supplies) and factory automation (with internal equipment/control panel power supplies) environments.



Impressive display with smooth touch operability

The computer adopts a projected capacitive (PCAP) touch panel with 10-point multi-touch support.

Just
26 mm /
1.02-inch
(PT-V10W)

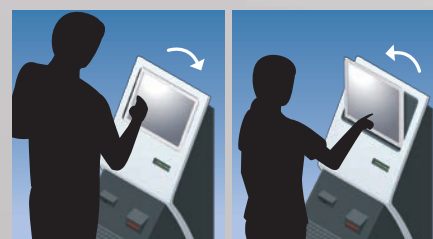
Operation terminal for equipment



Ordering terminals



Adjustable angle for better viewing



* Angle adjustment is possible when using a VESA mount.



Ordering Information

| Model | LCD / Touch Screen | Wireless LAN / Bluetooth | CPU / Memory / Storage | OS |
|--------------------------|--|--------------------------|---|--|
| PT-V10WB-210-J104M05W19 | 10.1-inch WXGA (1280 x 800) / Projected capacitive touch / Fingerprint-resistant Touch | Not available | Atom x5-E3940 1.6GHz Quad-core / 8GB ECC / M.2 64GB SSD MLC | Windows 10 IoT Enterprise 2019 LTSC 64-bit (English/Chinese/Japanese/Korean) |
| PT-V10WB-210R-J104M05W19 | 10.1-inch WXGA (1280 x 800) / Projected capacitive touch | Available | | |
| PT-V10WB-200-J104M05W19 | 10.1-inch WXGA (1280 x 800) / Projected capacitive touch | Not available | | |
| PT-V10WB-200R-J104M05W19 | 10.1-inch WXGA (1280 x 800) / Projected capacitive touch | Available | | |
| PT-V15WB-200-J104M05W19 | 15.6-inch Full-HD (1920 x 1080) / Projected capacitive touch | Not available | | |
| PT-V15WB-200R-J104M05W19 | 15.6-inch Full-HD (1920 x 1080) / Projected capacitive touch | Available | | |

Specifications

| Item | | Description | |
|---------------------------------|---------------------------------------|--|--|
| | | PT-V10W | PT-V15W |
| CPU | | Intel® Atom® x5-E3940 Processor 1.6GHz | |
| BIOS | | AMI BIOS | |
| Security (TPM) | | TCG TPM2.0 | |
| Memory | | 8GB (204-pin SO-DIMM ECC), PC3L-12800 (DDR3L-1600) | |
| Graphics Controller | | Intel® HD Graphics 500 (CPU integrated) | |
| LCD type | LCD | 10.1-inch TFT color LCD, WXGA (1280 x 800) | 15.6-inch TFT color LCD, Full-HD (1920 x 1080) |
| | Backlight | LED method, The ON/OFF can be controlled by software command. | |
| Touchscreen | Resolution | WXGA (1280 x 800) | Full-HD (1920 x 1080) |
| | Detection method | Projected capacitive touch (PCAP) | |
| | Connection | Internal USB port | |
| | Coating | PT-V10WB-200 : Nomal PT-V10WB-210 : Anti Fingerprint coating | PT-V15WB-200 : Nomal |
| Display | | DisplayPort x1 | |
| Audio | | HD Audio compliant, LINE OUT x 13.5φ stereo minijack, Full-scale output level 1.1Vrms (Typ.) Built-in monaural speaker x 1 | |
| LAN | | Intel® I210IT controllers, 1000BASE-T/100BASE-TX/10BASE-T x 2 ports (RJ-45 connector), supports Wake On LAN | |
| Wireless LAN *1 | | IEEE 802.11ac/a/b/g/n | |
| Bluetooth *1 | | 4.2 | |
| USB | | Type-A controller USB3.2 Gen1 (USB3.0)-compliant x 3 port | |
| Storage | | 1 slot, M.2 2242, SATAIII | |
| | | M.2 card 64GB(MLC) on-board *2 | |
| Security (TPM) | | TCG TPM2.0 | |
| Hardware monitoring | | Monitoring CPU temperature, board temperature, power voltage | |
| Watchdog timer (WDT) | | Software programmable, 255 level (1sec to 255sec) Time up allows reset | |
| RTC/CMOS | | Lithium backup battery life: 10 years or longer, The real-time clock is accurate within ±3 minutes (at 25°C) per month (CPU built-in RTC). | |
| Power Management | | Power management setup via BIOS, Wake On LAN, Supports ACPI Power management | |
| Power supply | Rated input voltage | 12 to 24VDC | |
| | Input voltage range | 10.8 to 31.2VDC | |
| | Power consumption (Max.) | 12V 3.0A, 24V 1.5A | 12V 4.0A, 24V 2.0A |
| | External device power supply capacity | USB3.2 Gen1 I/F : +5V : 0.9A x3 | |
| OS | | None / Windows 10 IoT Enterprise 2019 LTSC 64-bit (English/Chinese/Japanese/Korean) | |
| Physical dimensions (W x D x H) | | 259 x 169 x 26 mm (10.20 x 6.65 x 1.02 inch) (Not including protrusions) | 389.2 x 245.3 x 38.7 mm (15.32 x 9.66 x 1.52 inch) (Not including protrusions) |
| Weight | | 800g / 1.76lb (approx.) | 2700g / 5.95lb (approx.) |
| Environment equirements | Operating temperature | 0 to 40°C / 32 to 104°F *3 | |
| | Non-operating temperature | -10 to 60°C / 14 to 140°F | |
| | Operating humidity | 10 to 90%RH (No condensation) | |
| | Floating dust particles | Not to be excessive | |
| | Standard | BSMI *4, CCC *4, CE Marking (EMC Directive Class A, RoHS Directive) *4, FCC Class A, KC *4, TELECOM (set with the certified wireless module) *5, UKCA *4, UL/c-UL *4, VCCI Class A | |

*1 Wireless LAN and Bluetooth are only available in the wireless models.

*2 It is already built into the product. The capacity that can be recognized from OS might be displayed fewer than an actual value.

*3 Derating occurs due to the way of installation. For more details on this, refer to "Installation Requirements".

*4 The wireless model is excluded from BSMI, CCC, CE, KC, UKCA, c-UL Standard.

*5 The wireless module is set only in the wireless models.



Contec Global Network

U.S.A.

CONTEC AMERICAS INC.
3991 Sarno Road, Melbourne, FL 32934 U.S.A.
Tel. : +1-321-728-0172
e-mail : sales@us.contec.com

TAIWAN

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

CHINA

CONTEC (SHANGHAI) CO., LTD
Room 1002, Qilai Building, No. 889,
Yishan Road, Xuhui District, Shanghai
200233 CHINA
Tel. : +86-21-5401-2288

SINGAPORE

SINGAPORE CONTEC PTE. LTD.
Blk 4010, Ang Mo Kio Ave. 10 #07-01
Techplace I, 569626 SINGAPORE
Tel. : +65-6459-1667

KOREA

CONTEC CO., LTD. KOREA BRANCH
19, Cheongmyeong-ro 21beon-gil,
Yeongtong-gu, Suwon-si, Gyeonggi-do,
16705 KOREA

INDIA

CONTEC CO., LTD. India Liaison Office
Unit No. DPT-134, First Floor,
DLF Prime Towers, Okhla Phase- 1,
New Delhi -110020, INDIA
Tel. : +91-11-40541327

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

Headquarters: CONTEC CO., LTD. (Japan)

3-9-31, Himesato, Nishiyodogawa-ku, Osaka 555-0025, Japan
Tel:+81-6-6477-5219 e-mail:intsales@jp.contec.com