

PT-M15SB-46x0-G3000

Touch Panel Computers

15 Inch touch panel PC with Intel® Raptor Lake – S Platform
Extend Peripherals Freely Rich Interface



Technology for a better life

FEATURES



- 15" TFT LCD with Projective Capacitive touch control.
- With Intel® R680E Chipset to support Intel® 13th Gen. LGA-1700 CPU (TDP 35W)
- Robust design with IP65 compliance aluminum front panel
- Fanless design with removeable 2.5" storage driver bay
- Dual 2.5Giga LAN, 2x COM, 4x USB 3.2, 2x USB 2.0, 1x DVI-I, 1x DP and other rich expansion interface
- Wide range DC input



Fan-less Heatsink
by CPU SKU

2 x USB 2.0

4 x USB 3.1

PWR Button

ATX 4-pin
9-36V DC-in

Display port

2 x Serial

Line-Out

Mic-In

2 x LAN 2.5 GbE

DVI-I(DVI-D+VGA) port

2 x Removable HDD / SSD

Application

- Social infrastructure
- Ticketing Machine
- Industrial Automation Systems

Option Accessory

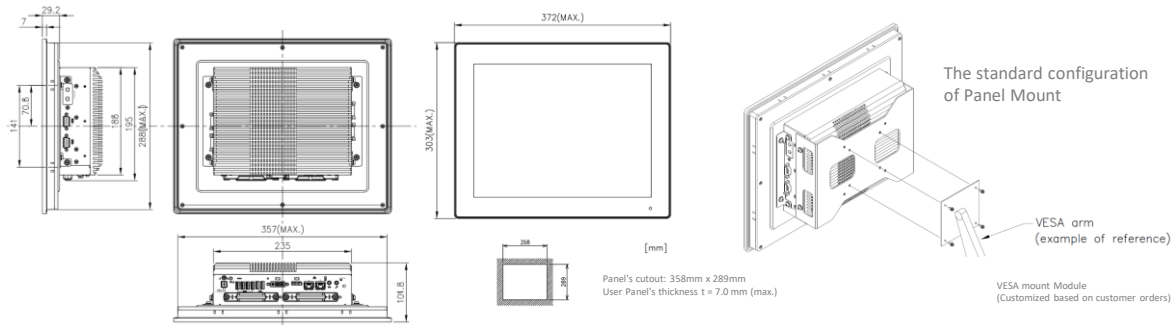
- AC adapter
- 2.5" SATA HDD/SSD
- Win 11 OS

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

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

For more details, please contact your Field Sales Representative.

DIMENSIONS



Specifications

CPU	Intel® R680E Chipset to support Intel® 13th Gen. LGA-1700 CPU (TDP 35W)
BIOS	AMI UEFI BIOS
Memory	2 x DDR5-4800 MHz, SODIMM , Support up to 32GB ECC & 64GB Non-ECC
Graphics Controller	Intel® UHD Graphics 770
DisplayPort	1 x Support DVI-I (DVI-D+VGA signal, up to 1920 x 1200 @30Hz) 1 x Display Port (up to 4096 x 2160 @60Hz)
Audio	1 x Line-out, 1 x Mic-in (Rear I/O)
M.2 Card Socket	1 x M.2 Key E 2230, support Wi-Fi module 1 x M.2 Key B 3042/2242/2260/2280, support WWAN+GNSS with SIM card slot & SSD (SATA)
Storage I/F	2 x 2.5" HDD/SSD Removeable Bay by SATA III (6.0Gb/s) connector 1 x M.2 Key M 2242/2260/2280, support Intel RST, PCI-e x4 mode SSD
Ethernet	Dual RJ45 connector (Rear I/O) 2 x 10/100/1000/2500Mbps. (Intel® i226IT)
USB	4 x USB3.2 Gen2 (Bottom I/O) 2 x USB2.0 (Bottom I/O)
Serial	1 x RS-232/422/485 (Side I/O) 1 x RS-232 ports (Rear I/O, Side I/O) 2 x RS-232 (by option)
TPM	TCG TPM2.0
Hardware Monitoring	System monitor (power CPU temperature, board temperature)
Watchdog timer	Software programmable, 1 sec ~ 255 sec, Time up allows reset
Power Management	Power On by Ring / Wake on LAN function (Setting from BIOS) Supports ACPI Power management
Power supply	12 – 24 VDC ±10% (Rang10.8 - 31.2VDC)
MISC	Power button / power LED / Access LED / Status LED
Physical dimensions	372(W) x 303(D) x 101.8(H)
Weight	4.9kg (approx.)
OS Support	Windows®11 24H2 LTSC 2024 64Bit

Panel Display

LCD Panel	15" TFT LCD Monitor , XGA(1024x768)
Luminance	400 nits
Touch type	Multi-touch 15" Projective Capacitive
Installation	Panel mount

Environment Requirements

Operating temperature	0 to +50°C (with 0.7m/s airflow, without M.2 modules) 0 to +45°C (with 0.7m/s airflow and wide-temp M.2 modules with heatsink)
Storage Temperature	-10 to +60°C
Humidity	10 - 90%RH (No condensation)
Standard	CE / FCC / UKCA / VCCI (Class A) / BIS / RoHS2.0

Ordering Guide

Model No.	CPU	Memory	Touch type
PT-M15SB-4620-G3000	Core™ i5-13500TE	16GB DDR5 4800	15" Projective Capacitive
PT-M15SB-4630-G3000	Core™ i7-13700TE	16GB DDR5 4800	15" Projective Capacitive