

PT-M12Sx-300-G

Touch Panel Computers

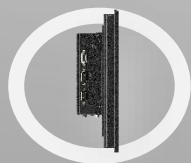
12 Inch touch panel PC with Intel® x6413E Processor
Intel® Elkhart Lake Platform



Technology for a better life

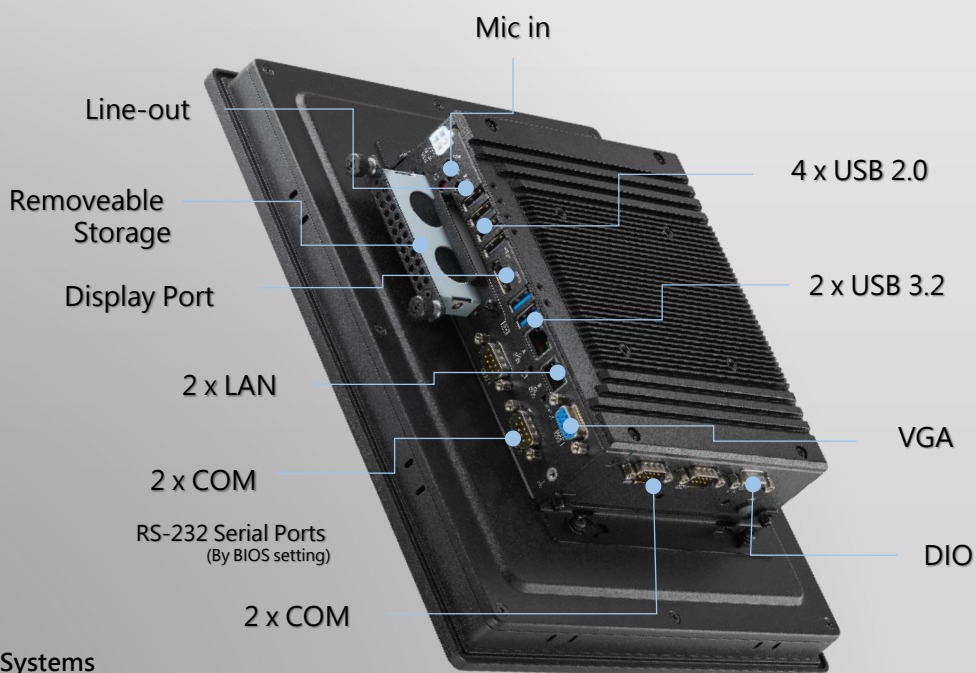
FEATURES

- 12 Inch XGA by Intel® Elkhart Lake Platform by x6413E Processor
- Support up to DDR4-3200 Max 32GB (ECC support)
- Multi-display supported: 1 x Display port + 1 x DVI-I(DVI-D+VGA)
- Dual RJ-45 port supports 2.5GbE (Wake On LAN Support)
- Fan less design with removeable 2.5" storage driver bay
- IP65 front bezel Aluminum & dustproof application



Application

- Social infrastructure
- Ticketing Machine
- Industrial Automation Systems



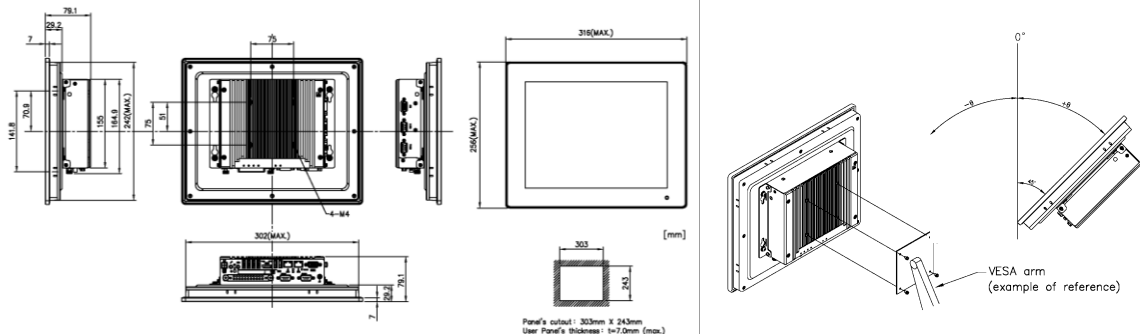
Optional Configuration

- AC adapter
- 2.5" HDD/SSD
- Windows OS
- Cfast Card

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

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

DIMENSIONS



Specifications

CPU	Intel® Atom™ x6413E Processor Quadre Core
BIOS	AMI UEFI BIOS
Memory	1 x DDR4 3200 MHz, SODIMM ,Up to 32GB, Support IBECC
Graphics Controller	Intel® UHD Graphics for 10th Gen Intel® Processors
DisplayPort	Controller: Intel® UHD Graphics for 10th Gen Intel® Processors 1 x VGA (up to 1920x1200@60Hz) 1 x Display Port (up to 4096 x 2304 @ 60Hz)
Audio	1 x Line-out, 1 x Mic-in (Rear I/O)
M.2 Card Socket	1 x M.2 Key E 1630/2230 (PCIe +USB2.0) 1 x M.2 Key B 3042 /3052 (PCIe+USB3.1) with Nano SIM Socket
Storage I/F	1 x SATA Interface 2.5" HDD/SSD driver Bay 1 x CFast type I (bootable)
Ethernet	Dual RJ45 connector (Rear I/O) 2 x 10/100/1000/2500Mbps. (Intel® i226IT)
USB	2 x USB 3.1 Gen2 (USB3.0) compliant 4 x USB 2.0 compliant 2ports 1 x USB2.0 by internal connector for Touch Panel controller
Serial	1 x RS-232/422/485 (Side I/O) 3 x RS-232 ports (Rear I/O, Side I/O)
GPIO	6 bit GPIO by D SUB 9P (Side I/O)
TPM	TCG TPM2.0
Hardware Monitoring	System monitor (power CPU temperature, board temperature)
Watchdog timer	Software programmable, 1 sec ~ 255 sec
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
OS Support	Windows®11 24H2 LTSC 2024 64Bit
Panel Display	
LCD Panel	12.1" XGA(1024x768) ,262k colors
Luminance	600 cd/m²
Touch type	5 wire resistive (frame touch) or Projected Capacitive
Installation	Panel mount , VESA mount
Physical dimensions	316(W) x 256(D) x 79.1(H)
Weight	3.4kg (approx.)
Environment Requirements	
Operating temperature	0 to +50°C (with 0.7m/s airflow)
Storage Temperature	-20 to +60°C
Humidity	10 - 90%RH (No condensation)
Standard	CE / FCC / UKCA / VCCI (Class A) ,BIS, RoHS2.0
Ordering Guide	
PT-M12SA-300-G	12" 5-wire resistive Panel PC w/ Atom™ x6413E ,8GB DDR4-3200 memory
PT-M12SB-300-G	12" Projected Capacitive Panel PC w/ Atom™ x6413E ,8GB DDR4-3200 memory