



Intel® Atom® / Celeron® X6425RE / X6212RE / J6412 Processor Fanless 8.4" Panel PC



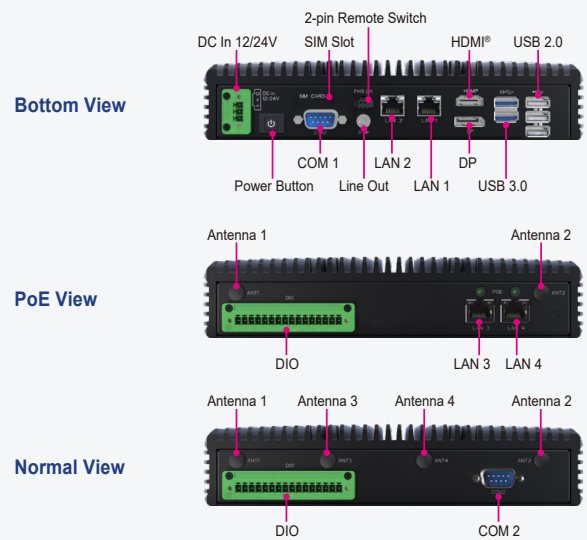
Features

- Intel® Atom® / Celeron® X6425RE / X6212RE / J6412 processor on board
- Fanless and quiet design
- 2 x GbE LANs, supports Wake-On-LAN & PXE
- Supports DC12/24V power input
- Supports Wide-ranged temperature
- Aluminum front bezel and IP65 design
- Supports projected capacitive touchscreen or 5-wire resistive touchscreen

Specifications

System	
CPU Type	Intel® Atom® X6425RE processor Intel® Atom® X6212RE processor Intel® Celeron® J6412 processor
Chipset	Intel® SoC
Memory Support	1 x DDR4 SO-DIMM, 3200MT/s up to 32GB (non-ECC)
Front Bezel	Aluminum
IP65	Yes (for front panel only)
Power Input	DC 12V/24V input
Watchdog	1~255 seconds watchdog timer selectable
Operating System	Windows® 11, Windows® 10 IoT Enterprise
Dimensions (W x H x D)	224.84 x 176.84 x 76.8 mm
System Weight	2.3 kg
Mounting Support	Panel Mount, VESA 75
Certifications	FCC / CE
I/O Ports	
Power Input	Support DC12V/24V input
Power On/Off	1 x power button with Power LED
USB	2 x USB 3.0 (rear I/O) 3 x USB 2.0 (rear I/O)
Audio	1 x Line-Out
Digital I/O	6 in / 6 out (including 2x5V & 2xGND)
Serial Ports	2 x COM ports COM 1&2: RS-232/422/485, support 5V/12V by jumper setting (COM2 for COM SKU only)
LAN	Dual LAN Intel® LAN i225 (GbE), supports Wake-On-LAN & PXE
PoE	2 x PoE with GbE LAN (PoE SKU only)
Storage	1 x 2.5" SATA 3.0 SSD
Expansion Slots	1 x Mini PCIe (for COM2 SKU only) 1 x M.2 slot NVMe (PCIeX2), supports 2280 size only
Display	
LCD	8.4" TFT LCD (LED) resolution SVGA 800 x 600
Touchscreen	Projected capacitive touchscreen 5-wire resistive touchscreen
Environment	
Operating Temp.	-20°C~50°C (-4°F~122°F) for Atom SKU (Ambient with airflow)
Storage Temp.	0°C~40°C (32°F~104°F) for other SKUs
Humidity	-40°C~85°C (-40°F~185°F) 20%~90%

I/O Connector

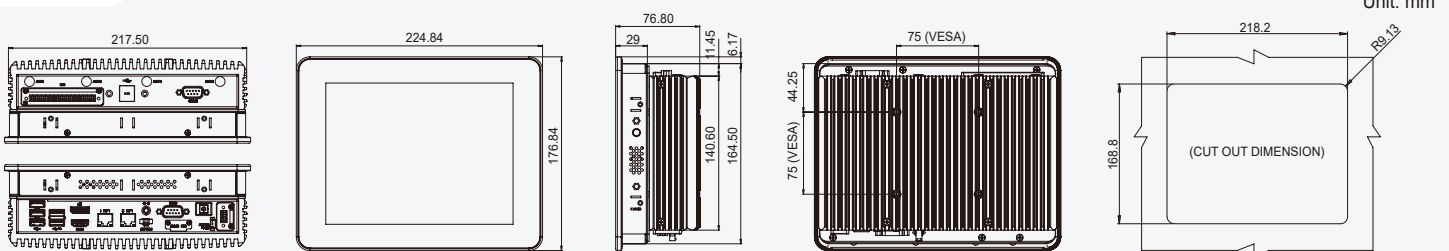


Application

- Automation
- Information
- Retail



Dimensions



* All information contained in this document is subject to change without prior notice. Please log on www.protech.com.tw to acquire latest information. For detail mechanics drawing, please contact our sales.