



# iTC-1101C

## Fanless Industrial Panel PC w/ Intel® Elkhart Lake Processor



### Features

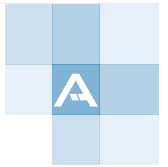
- Intel® Celeron® Processor J6413 (1.5M Cache, up to 3.00 GHz)
- 10.1" 1280 x 800 WXGA LCD display
- Fanless design w/ Aluminum Front bezel
- Flush front panel w/ IP65 waterproof compliant
- Support 2.5GbE LAN and USB 3.2 Gen1 (5Gbps)
- Rich I/O: 2 x COM/ 2 x LAN/ 4 x USB3.2 (5Gbps)/ 8-bit DI/O & dual video output: DisplayPort and DVI-D
- Easy-accessible expansion for storage and wireless module.
- 9~36V wide-range DC input with reverse protection

Industrial Automation System

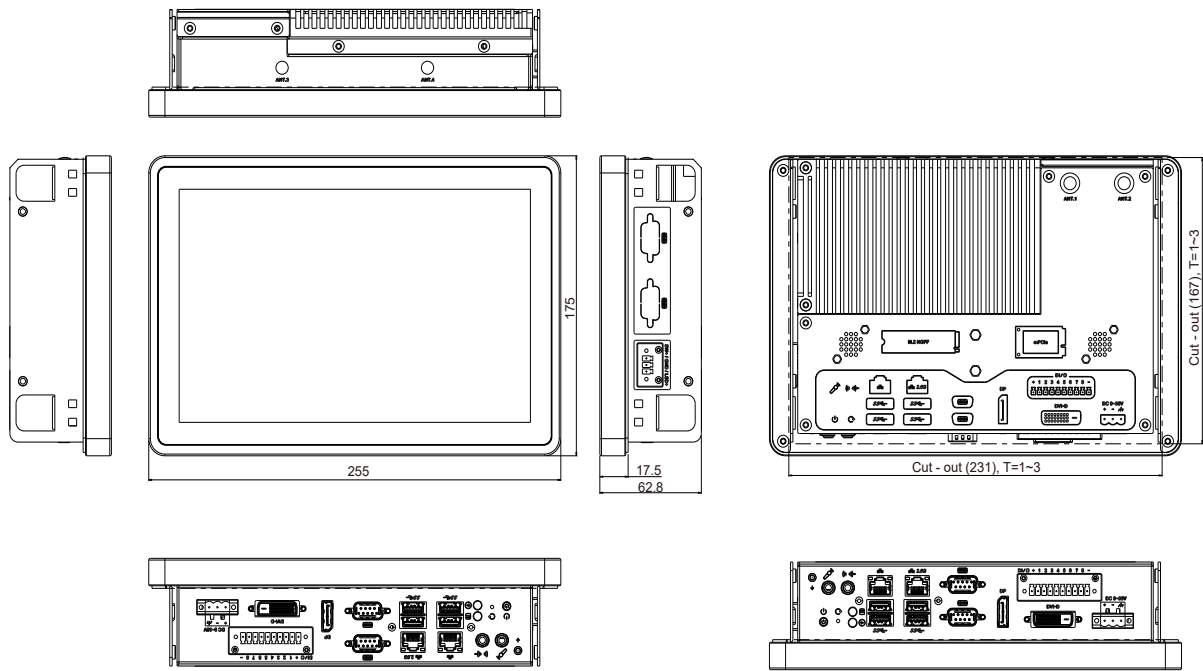
System	
CPU	Intel® Celeron® J6413 Quad-Core™ Processor 1.80GHz
Memory	1 x 260 pin DDR4 SO-DIMM socket, supporting 3200MHz SDRAM up to 32GB (4GB DDR4 SO-DIMM pre-installed)
LAN Chipset	1 x Intel® 225LM controller 1 x Intel® i211AT controller
Watchdog Timer	1~255 levels reset
Storage	
1st Device	1 x M.2 M-key 2242/ 2280 (SATAIII only)
Audio	
Type	1x Mic-in / 1x Line out
Speaker	2 x 1.5W speakers (optional)
LCD Display	
Size/Type	10.1" TFT LCD Panel
Max. Resolution	1280 x 800 WXGA
Max. Colors	16.7M
Luminance	350 cd/m <sup>2</sup>
Touch Screen	Projected Capacitive touch
View Angle (U/D/R/L)	85°/85°/85°/85°
Button & Indicator	
Buttons	Power on & Reset
LED Indicator	Power-on status/ HDD status/ RTC battery status
Power System	
Power Input	DC 9~36V
Power Consumption	Typical 19W (w/o I/O cards)
Remote Control	1x3-pin terminal block for remote control and PWR LED output
Qualification	
Certification	CE, FCC Class A

Expansion	
Expansion Bus	1 x Mini PCIe slot (PCIe x1+ USB2.0, Full size) (for Wireless connection) w/ 1 x SIM card slot
External I/O	
Serial Ports	Default: 2 x DB-9 connectors for RS232/422/485 (Optional: 2 x DB-9 connectors for RS232 via cables)
USB Ports	4 x Type-A USB 3.2 Gen 1 (5Gbps)
LAN	1 x RJ-45 port for GbE LAN 1 x RJ-45 port for 2.5 GbE LAN
Video Ports	1 x DVI-D connector, supporting Full HD resolution 1 x DisplayPort 1.4 connector, supporting 4K2K resolution
Digital I/O	8 bit Digital I/O
Mechanical	
Mounting Type	Panel mount (clamps & brackets are provided) VESA-75/100 mount (optional)
Chassis	Aluminum front bezel and steel-metal chassis
Dimension (W x H x D)	255 x 175 x 62.8 mm
Weight (Net)	2.35 kg
Environmental	
Operating Temp.	-10 ~ 55°C
Storage Temp.	-20 ~ 70°C
Operating Humidity	10 ~ 95% RH @ 55°C (non-condensing)
Vibration	5 ~ 500Hz, 1Grms X,Y,Z axis (with SSD)
Shock	Operating 10G, 11ms X,Y,Z axis (with SSD)
OS Support	
Windows®10 (64bit)	

All specifications are subject to change without notice.



## Dimensions



## Optional Accessories

PAC-60W6A-FSP-ES 12V/5A 60W AC/DC power adapter kit



VMB-1101 iTC-1101C VESA-mount bracket kit, w/ 75 x 75 mm & 100 x 100 mm VESA supports



64GB M.2 SSD M.2 M-key 2242/ 2280, 64GB, SATA3.0



WiFi-AT4550 Atheros, QCNFA324 Wi-Fi module w/ 2\*30cm internal wiring



ANT-D11 1 x Wi-Fi Dual-band 2.4G/5G antenna



ADK-11X iTC-11xx series audio kit



SCK-722C Assembly kit for SiP-41B/42B  
(Note: SCK-722C can only be installed with VMB-1101 Mounting Bracket)



## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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