

# TOKIN-6123

Fanless 12.1" Industrial Panel PC with Intel® Celeron® Processor 827E 1.4GHz

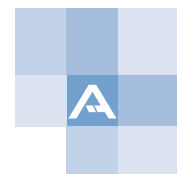


## Features

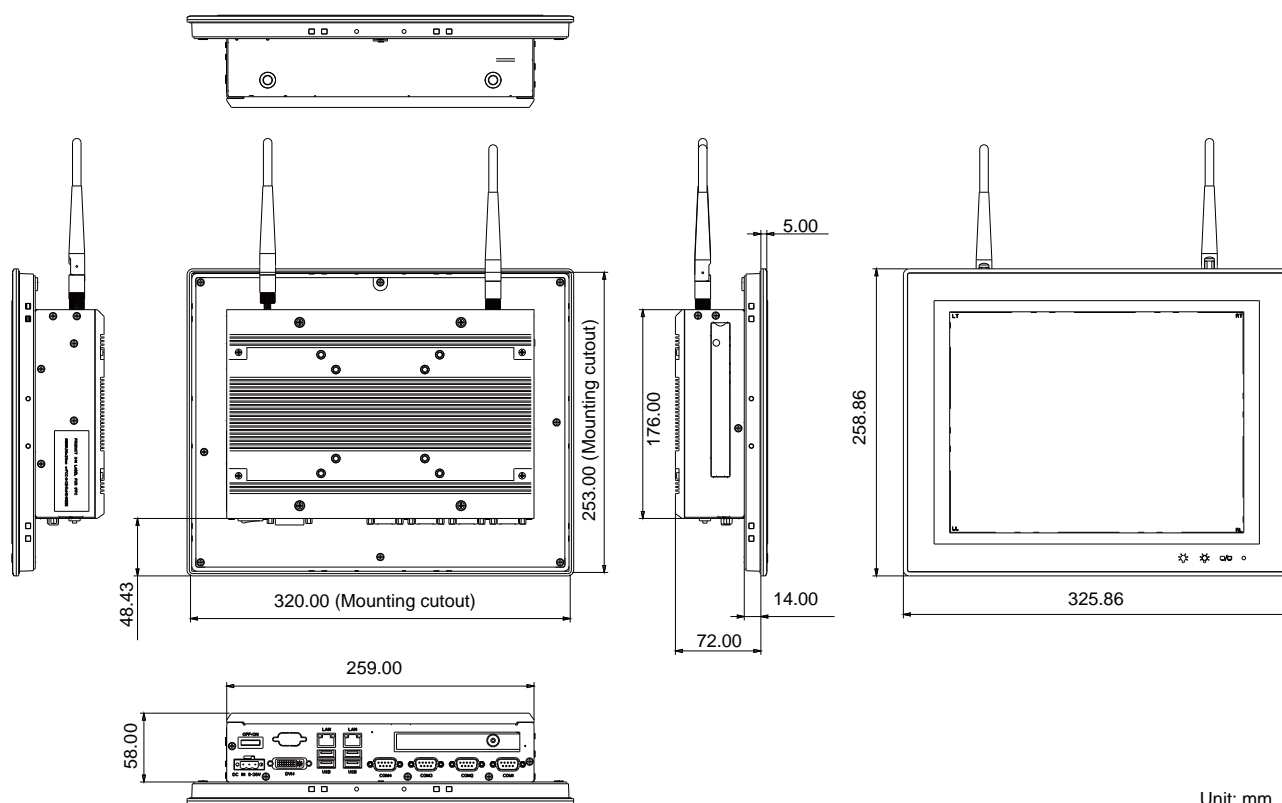
- Less Cable , Fanless Design
- Flexible Modular Design
- 12.1" 1024 x 768 XGA LCD Display w/ LED Backlight
- Front Bezel with Completely Covered Membrane
- Flush Front Panel, IP65-Compliant
- Brightness Control Button
- Anti-spark Power Circuit
- Outside-accessible Push-pull CFast Sockets
- Isolated Serial Ports (RS-232/485), w/ Auto-flow Control
- 2 x Mini-card sockets, 1 x PCI or 1 x PCIe x1
- Semi-Pierced DB9 Hole Reserved for Field-bus Card
- SMA Antenna Holes for optional WiFi Function
- 9~36V Wide-Range DC Input

<b>System</b>	
CPU	Intel® Celeron® Processor 827E 1.4GHz
Memory	2 x DDR3 SO-DIMM Sockets, supporting 1333/1066 MHz SDRAM up to 8GB 1 x 2GB DDR3 SO-DIMM memory module (installed)
Chipset	Intel® HM65
LAN	1 x Intel® 82583V GbE controller 1 x Intel® 82579LM GbE PHY
Watchdog Timer	1~255 levels reset
<b>Storage</b>	
1st Device	1 x outside-accessible CFast slot
2nd Device	1 x outside-accessible CFast slot (default), or 2.5" drive bay (included in Standard Accessories)
<b>LCD Display</b>	
Size/Type	12.1" TFT LCD Panel
Max. Resolution	1024 x 768 (XGA)
Max. Colors	16.2M
Luminance	500 cd/m <sup>2</sup>
Touch Screen	5-wire Analog Resistive
View Angle (U/D/R/L)	80°/80°/80°/80°
<b>Button &amp; Indicator</b>	
Function Key	Brightness up/down, Screen on/off
LED Indicator	Power on LED
<b>Power System</b>	
Power Input	DC 9~36V
<b>Qualification</b>	
Certification	CE, FCC Class A
<b>Expansion</b>	
Expansion Bus	2 x Mini-card sockets 1 x PCI 32-bit slot (default, for limited-length expansion card only, 150 mm maximum) or 1 x PCIe x1 slot (included in Standard Accessories)
Optional	1 x Internal USB dongle space
<b>External I/O</b>	
Serial Ports	2 x RS-232 and 2 x isolated RS-232/485 ports, all are DB9 connectors
USB Ports	4 x Type-A USB 2.0 ports

LAN	2 x RJ-45 GbE ports
DVI	1 x DVI-I connector
Optional Port	1 x semi-pierced DB9 hole reserved for internal wiring by user
WiFi	2 x SMA antenna holes for optional WiFi function
<b>Mechanical</b>	
Mounting Type	Panel Mounting and VESA-75/100 Mounting
Chassis	Panel-mounting chassis, aluminum front bezel and SECC steel chassis
Dimension (W x H x D)	325.86 x 77.0 x 258.86 mm (12.82" x 3.03" x 10.18")
Weight (Net)	5.9 kg (13 lb)
<b>Environmental</b>	
Operating Temp.	-20 ~ 60°C (-4 ~ 140°F)
Storage Temp.	-20 ~ 70°C (-4 ~ 158°F)
Operating Humidity	10 ~ 95% RH @ 60°C (non-condensing)
Vibration	5 ~ 500Hz, 2Grms Random (with CF/SSD)
Shock	Operating 15G, 11ms Non-operating 40G, 11ms (with CF/SSD)
<b>OS Support</b>	
Windows XP Embedded / Windows Embedded 7	
<b>Ordering Information</b>	
TOKIN-6123-827E	Intel® Celeron® 827E industrial panel PC w/ 2GB memory



## Dimensions



Unit: mm

### Standard Accessories

EPC-6300 HDD Bracket    2.5" HDD/SSD Bracket



SCDB-1395    PCIe x1 Riser Card



### Optional Accessories

PAC-P060W-02    12V/5A 60W AC/DC power adapter kit



PAC-120W6B-FSP    19V/6.32A 120W AC/DC power adapter kit



### Optional Accessories (CTOS\* Kit)

150GB SSD    Intel® 2.5" 150GB SATAIII SSD kit



MM-3C-2G    2GB DDR3-1333 SDRAM



MM-3C-4G    4GB DDR3-1333 SDRAM



WiFi-AT2350    Atheros AR9462 WiFi Module w/ 20cm & 30cm internal wiring



ANT-D11    2.4G/5G Dual-band WiFi Antenna



\*CTOS means Configure-to-Order Service.