

TOKIN-6153

Fanless 15" Industrial Panel PC with Intel® Celeron® 827E 1.4GHz / Intel® Atom™ D2550 1.86GHz



Features

- Less Cable , Fanless Design
- User Selectable Modular Design
- 15" 1024 x 768 XGA LCD Display w/ LED Backlight
- Die-casting Bezel, Completely Covered w/ Membrane
- Flush Front Panel NEMA4/IP65 Compliant
- Brightness Control Button
- Anti-spark Power Circuit (UL Class 1 Div.2 compliant)
- CFast Outside Accessible Push-pull Sockets
- Isolated Serial Ports (RS-232/485)
- 2 x Mini-card sockets, 1 x PCI or 1 x PCIe (TOKIN-6153-D2550 not supporting PCIe)
- Semi-Piercing D-SUB9 Hole Reserved for Field-bus Card
- SMA Antenna Holes for Optional WiFi Function
- 9~36V Wide Range DC Input

System

CPU	Intel® Celeron® 827E 1.4GHz processor or Intel® Atom™ D2550 1.86GHz processor
Memory	Installed with 2GB DDR3 SO-DIMM memory module 2 x DDR3 SO-DIMM Sockets, supporting 1333/1066 MHz SDRAM up to 8GB (827E) 1 x DDR3 SO-DIMM Socket, supporting 1066/800 MHz SDRAM up to 4GB (D2550)
Chipset	Intel® HM65 for 827E Intel® NM10 for D2550
LAN	2 x Gigabit Ethernet controllers
Watchdog Timer	1~255 levels reset

Storage

1st Device	1 x outside accessible Primary CFast slot
2nd Device	1 x outside accessible 2 nd CFast slot (default), or 2.5" Drive Bay (included in Standard Accessories)

LCD Display

Size/Type	15" TFT LCD Panel
Max. Resolution	1024 x 768, XGA
Max. Colors	16.2M
Luminance	300 cd/m ²
Touch Screen	5-wire, Analog Resistive

Button & Indicator

Function Key	Brightness up/down, Screen on/off
LED Indicator	Power on LED

Power System

Power Input	DC 9~36V
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Certification

EMC / EMI	CE, FCC Class A
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External I/O

Serial Ports	2 x RS-232 and 2 x isolated RS-232/485 ports, all are DSUB 9-pin
USB Ports	4 x Type-A USB ports
LAN	2 x RJ-45 Gigabit Ethernet ports
DVI	1 x DVI-I connector
Optional Port	1 x semi-piercing DSUB hole reserved for internal wiring by user
WiFi	2 x SMA antenna holes for optional WiFi function

Expansion

Expansion Bus	2 x Mini-Card sockets 1 x PCI 32-bit slot (default), can be changed to PCIe x1 slot (included in Standard Accessories, only for TOKIN-6153-827E)
Optional	1 x semi-piercing D-SUB9 hole reserved for field-bus card

Mechanical

Mounting Type	Panel Mounting and VESA-75/100 Mounting
Chassis	Panel-mounting chassis, Aluminum Front Bezel and SECC steel chassis
Dimension (W x D x H)	389.93 x 84.3 x 309.93 mm (15.35" x 3.31" x 12.20")
Weight (Net)	7 kg (15.43 lb)

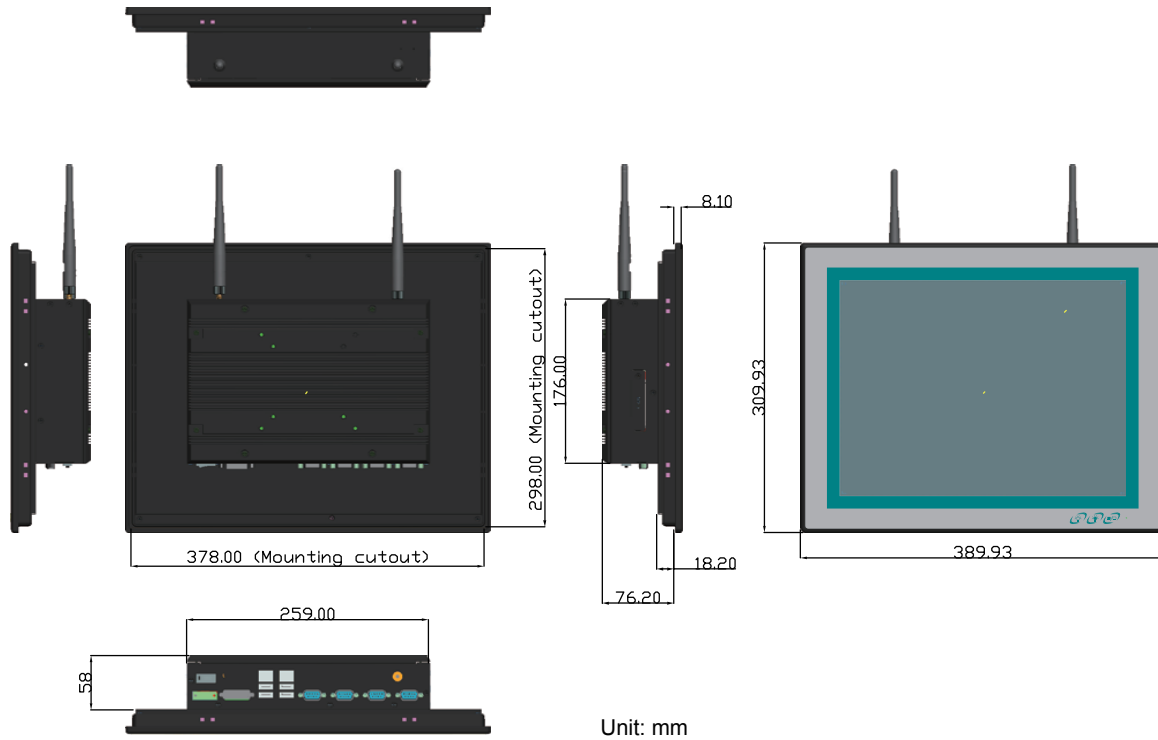
Environmental

Operating Temp.	-20 ~ 60°C (-4 ~ 140°F)
Storage Temp.	-20 ~ 70°C (-4 ~ 158°F)
Operating Humidity	0 ~ 95% RH @40°C (non-condensing)
Vibration	5 ~ 500Hz, 2Grms Random (with CF/SSD)
Shock	Operating 15G, 11ms Non-operating 40G, 11ms (with CF/SSD)

Ordering Information

TOKIN-6153-827E	Intel® Celeron® 827E industrial panel PC w/ 2GB memory
TOKIN-6153-D2550	Intel® Atom™ D2550 industrial panel PC w/ 2GB memory

Dimensions



Standard Accessories

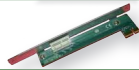
EPC-6300 HDD Bracket



2.5" HDD/SSD bracket

SCDB-1395

(for TOKIN-6153-827E only)



PCIe x1 riser card

Optional Accessories

PAC-P065W

65W AC/DC power adapter kit



Power Input 100 ~ 240 VAC

Power Output 19 VDC, 3.4A, 65W

PAC-P120W-FSP

120W AC/DC power adapter kit

Power Input 100 ~ 240 VAC

Power Output 19V , 5.96A, 120W

Optional Configuration (CTOS* Kit)

SSD-25040

Intel® 2.5" 40GB SATAII SSD kit



Brand/Type Intel / 2.5 inch

Interface SATAII

Capacity 40GB

Dimensions (W x D x H) 100.45 x 69.85 x 9.5 mm (3.95" x 2.75" x 0.37")

MM-3C-2G

MM-3C-4G



DDR3-1333 2GB SDRAM

DDR3-1333 4GB SDRAM

WIFI-IN1350



Intel® Centrino® Advanced-N 6205 WiFi module w/ 20cm & 30cm internal wiring

ANT-D11



1 x WiFi Dual-band 2.4G/5G antenna

*CTOS means Configure to Order Service.