

# PARDUS-6194

Fanless 19" Industrial Panel PC with Intel® Celeron® 847E 1.1GHz / Intel® Core™ i3-2340UE 1.3GHz



## Features

- Less Cable , Fanless Design
- Flexible Modular Design
- 19" 1280 x 1024 SXGA LCD Display w/ LED Backlight
- Die-casting Bezel, Completely Covered w/ Membrane
- Flush Front Panel, IP65-Compliant
- Brightness Control Button
- Anti-spark Power Circuit
- Outside-accessible Push-pull CFast Socket(s)
- Isolated (RS-232/485) Serial Ports w/ Auto-flow Control
- Mini-card Sockets x 2, 1 x PCI or 1 x PCIe x1
- 1 x Semi-Pierced DB9 Hole Reserved for Field-bus Card
- 2 x SMA Antenna Holes for Optional WiFi Function
- 9~36V Wide-Range DC Input
- iAMT support (for 2340UE only)

## System

<b>CPU</b>	Intel® Celeron® 847E 1.1GHz processor or Intel® Core™ i3-2340UE 1.3GHz processor
<b>Memory</b>	2 x DDR3 SO-DIMM sockets, supporting 1066/1333 MHz SDRAM up to 8GB 1 x 2GB DDR3 SO-DIMM memory module installed
<b>Chipset</b>	Intel® HM65 for 847E Intel® QM67 for 2340UE
<b>LAN</b>	1 x Intel® 82583V GbE controller 1 x Intel® 82579LM GbE PHY w/ iAMT (for 2340UE only)
<b>Watchdog Timer</b>	1~255 levels reset

## Storage

<b>Setting 1 (Default)</b>	2 x outside-accessible CFast slots and 1 x 2.5" drive bay
<b>Setting 2</b>	1 x outside-accessible CFast slot and 2 x 2.5" drive bays (one is included in the Standard Accessories)
<b>RAID Level</b>	0, 1 (for 2340UE only)

## LCD Display

<b>Size/Type</b>	19" TFT LCD Panel
<b>Max. Resolution</b>	1280 x 1024 (SXGA)
<b>Max. Colors</b>	16.2M
<b>Luminance</b>	350 cd/m <sup>2</sup>
<b>Touch Screen</b>	5-wire Analog Resistive
<b>View Angle (U/D/R/L)</b>	85°/85°/80°/80°

## External I/O

<b>Serial Ports</b>	4 x serial ports with DB9 connectors: 2 x RS-232 ports and 2 x isolated RS-232/485 ports with auto-flow control
<b>USB Ports</b>	4 x Type-A USB 2.0 ports (rear) 1 x Type-A USB 2.0 port with rubber cover on front bezel
<b>LAN</b>	2 x RJ-45 GbE ports
<b>DVI</b>	1 x DVI-I connector
<b>Optional Port</b>	1 x semi-pierced DB9 hole reserved for internal wiring by user
<b>WiFi</b>	2 x SMA antenna holes for optional WiFi function
<b>Audio</b>	1 x Mic-in / 1 x Line-out
<b>KB/MS</b>	2 x 6-pin Mini-DIN connectors

## Button & Indicator

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

## Power System

<b>Power Input</b>	DC 9~36V
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## Certification

<b>EMC / EMI</b>	CE, FCC Class A
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## Expansion

<b>Expansion Bus</b>	2 x Mini-card sockets (1 x full-size, 1 x half-size) 1 x PCI 32-bit slot (default) or 1 x PCIe x1 slot
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## Mechanical

<b>Mounting Type</b>	Panel Mounting
<b>Chassis</b>	Panel-mounting chassis, Aluminum Front Bezel and SGCC chassis
<b>Dimension (W x D x H)</b>	469.70 x 93.70 x 396.50 mm (18.49" x 3.68" x 15.61")
<b>Weight (Net)</b>	9.25 Kg (20.39 lb)

## Environmental

<b>Operating Temp.</b>	-20 ~ 55°C (-4 ~ 131°F)
<b>Storage Temp.</b>	-20 ~ 70°C (-4 ~ 158°F)
<b>Operating Humidity</b>	10 ~ 95% RH @ 55°C (non-condensing)
<b>Vibration</b>	5 ~ 500Hz, 2Grms Random (with CF/SSD)
<b>Shock</b>	Operating 15G, 11ms Non-operating 40G, 11ms (with CF/SSD)

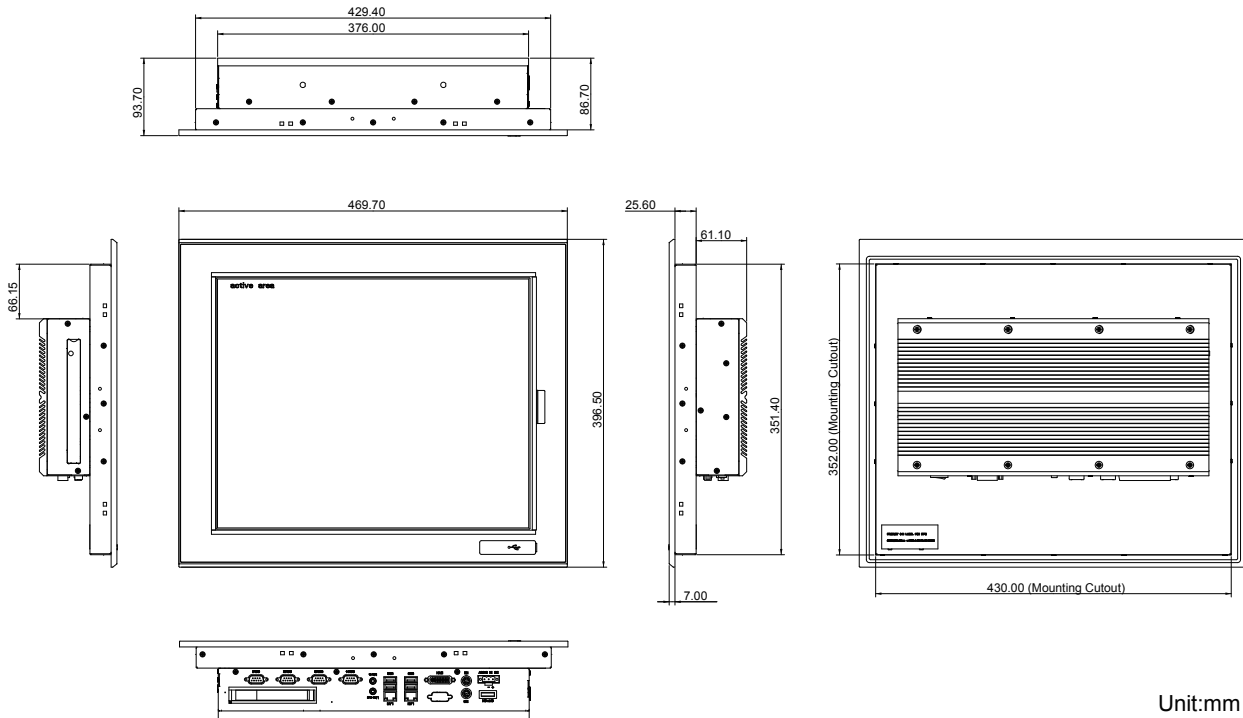
## OS Support

Windows XP Embedded / Windows 7 Embedded

## Ordering Information

<b>PARDUS-6194-847E</b>	Intel® Celeron® 847E industrial panel PC w/ 2GB memory
<b>PARDUS-6194-2340UE</b>	Intel® Core™ i3-2340UE industrial panel PC w/ 2GB memory

# Dimensions



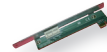
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## Standard Accessories

**PARDUS-6194 HDD Bracket** 2.5" HDD/SSD Bracket



**SCDB-1395** PCIe x1 Riser Card



## Optional Accessories

**PAC-P065W** 19V/3.4A 65W AC/DC Power Adapter Kit



**PAC-P120W-FSP** 19V/5.96A 120W AC/DC Power Adapter Kit

## Optional Configuration (CTOS\* Kit)

**SSD-25040** Intel® 2.5" 40GB SATAII SSD Kit



**MM-3C-2G** 2GB DDR3-1333 SDRAM



**MM-3C-4G** 4GB DDR3-1333 SDRAM

**WIFI-IN1350** Intel® Centrino® Advanced-N 6205 WiFi Module w/ 20cm & 30cm internal wiring



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



\*CTOS means Configure-to-Order Service.