

PARDUS-6174

Fanless 17" Industrial Panel PC with Intel® Celeron® Processor 847E/
Intel® Core™ Processor i3-2340UE



System

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

Storage

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

LCD Display

Size/Type	17" TFT LCD Panel
Max. Resolution	1280 x 1024 (SXGA)
Max. Colors	16.2M
Luminance	350 cd/m ²
Touch Screen	5-wire Analog Resistive
View Angle (U/D/R/L)	85°/85/80/80°

Button & Indicator

Function Key	Brightness up/down, Screen on/off, Power 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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Expansion

Expansion Bus	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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Features

- Less Cable, Fanless Design
- Flexible Modular Design
- 17" 1280 x 1024 SXGA 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 Socket(s)
- Isolated (RS-232/485) Serial Ports w/ Auto-flow Control
- 2 x Mini-card sockets, 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)

External I/O

Serial Ports	4 x serial ports with DB9 connectors: 2 x RS-232 ports and 2 x isolated RS-232/485 ports with auto-flow control
USB Ports	4 x Type-A USB 2.0 ports (rear) 1 x Type-A USB 2.0 port with rubber cover on front bezel
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
Audio	1 x Mic-in / 1 x Line-out
KB/MS	2 x 6-pin Mini-DIN connectors

Mechanical

Mounting Type	Panel Mounting
Chassis	Panel-mounting chassis, aluminum front bezel and SGCC chassis
Dimension (W x D x H)	438.50 x 93.70 x 366.50 mm (17.26" x 3.68" x 14.43")
Weight (Net)	8.61 Kg (18.98 lb)

Environmental

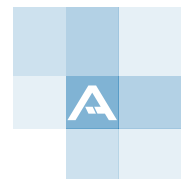
Operating Temp.	-20 ~ 55°C (-4 ~ 131°F)
Storage Temp.	-20 ~ 70°C (-4 ~ 158°F)
Operating Humidity	10 ~ 95% RH @ 55°C (non-condensing)
Vibration	5 ~ 500Hz, 2Grms Random (with CF/SSD)
Shock	Operating 15G, 11ms Non-operating 40G, 11ms (with CF/SSD)

OS Support

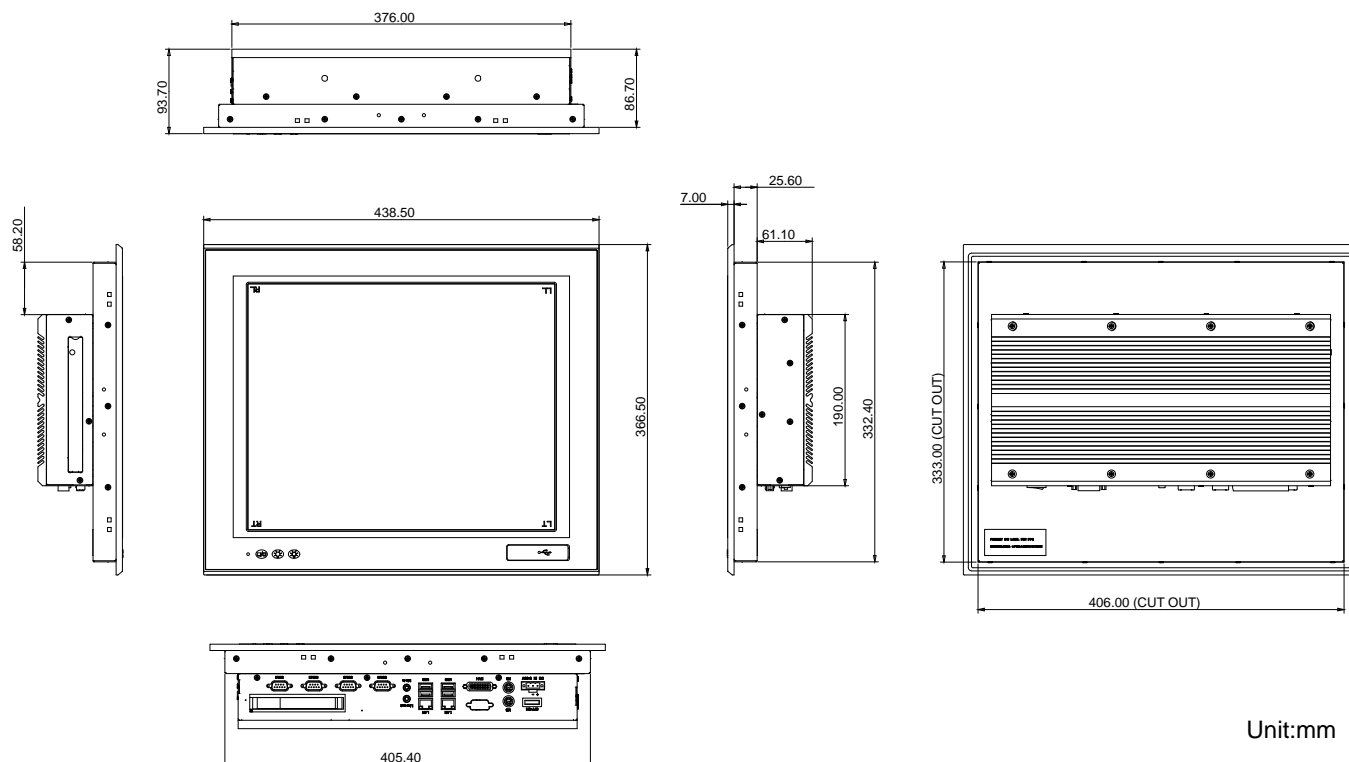
Windows XP Embedded / Windows Embedded 7
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Ordering Information

PARDUS-6174-847E	Intel® Celeron® 847E industrial panel PC w/ 2GB memory
PARDUS-6174-2340UE	Intel® Core™ i3-2340UE industrial panel PC w/ 2GB memory



Dimensions



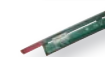
Unit:mm

Standard Accessories

PARDUS-6174 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)

80GB SSD Intel® 2.5" 80GB 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.