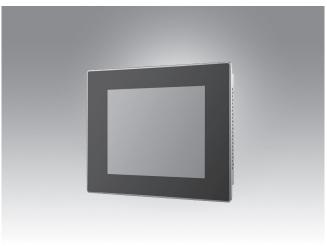
PPC-3060S

6.5"/7" Fanless Panel PC with Intel® Celeron® N2807 Processor



Features

- Industrial-grade 6.5"/7" VGA TFT LCD with LED backlight
- Durable true-flat touchscreen with 5-wire resistive/multi-touch projected touch control
- Intel® Celeron® N2807 dual-core, 1.58 GHz, processor
- Up to 4 GB DDR3L SDRAM
- Compact, fanless design with IP65-rated front panel
- Supports expansion via full-size mini PCle
- Supports Windows Embedded and Android OS
- Supports VESA 75 x 75 mounting holes



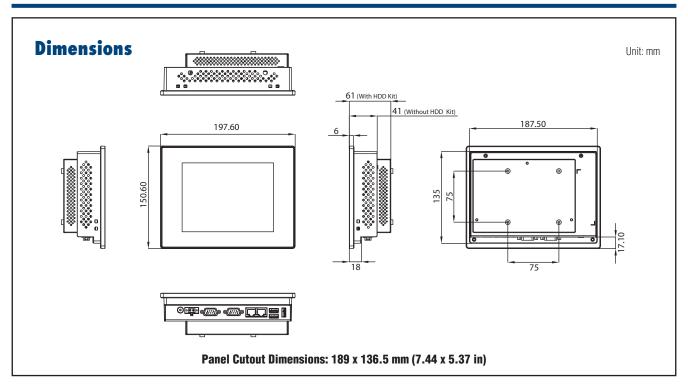


Introduction

The PPC-3060S is a high-value, ultra-slim panel PC equipped with a 6.5"/7" VGA TFT LCD, and low-power Intel® Celeron® N2807, 1.58 GHz, processor to provide high-performance computing in a compact and fanless system. For high durability and functionality, the PPC-3060S features an IP65-rated front panel, true-flat 5-wire resistive touchscreen, two serial ports, three USB ports, and two GbE LAN ports, making it suitable for diverse industrial applications.

Specifications

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		PPC-3060S-N80AE	PPC-3060S-PN80A	
System	CPU	Intel® Celeron® N2807 dual core		
	Frequency	1.58 GHz		
	L2 Cache	1 MB		
	Memory	1 x SODIMM DDR3L 1333 MHz (max. 4 GB)		
	Storage	1 x 2.5" SATA bay (optional; requires a bracket module for installation) 1 x mSATA Bay (default)		
	Network (LAN)	2 x 10/100/1000 Mbps Ethernet (Intel I211-AT)		
	1/0	2 x Serial ports: 1 x RS-232, 1x RS-232/422/485 (Adjustable through BIOS) 2 x USB 2.0, 1 x USB 3.0 (for PPC-3060S-N80AE) 1 x USB 2.0, 1 x USB 3.0 (for PPC-3060S-PN80A)		
	Expansion	1 x Full-size mini PCle slot		
	Watchdog Timer	255 timer levels, set up by software		
Physical	Dimensions	197.6 x 150.6 x 41 mm (7.8 x 5.9 x 1.6 in)		
Characteristics	Weight	1.5 kg (3.30 lb)		
OS Support	OS Support	Microsoft® Windows 7(32/64-bit)/10(64-bit), WES7P, WEC7, Windows 10 IOT LTSC, Linux, Android 6.0		
Power Consumption	Input Voltage	12 ~ 24 V _{DC}		
	Power Consumption	11 W (Burn-in test 7.0 in Windows 7, 32-bit)		
LCD	Display Type	6.5" TFT LCD (LED backlight)	7" TFT LCD (LED backlight)	
	Resolution	640 x 480	1024 x 600	
	Viewing Angle	80 (left), 80 (right), 70 (up), 70 (down)	85 (left), 85 (right), 85 (up), 85 (down)	
	Luminance (cd/m²)	800	425	
	Contrast Ratio	600	800	
	Backlight Lifetime	50,000 hr (typical)		
Touchscreen	Touch Type	ELO 5-wire resistive touch	10-point multi-touch projected capacitive	
	Light Transmission	80±5% at 550 nm wavelength	85% at 550 nm wavelength	
	Controller	RS232 interface		
	Durability (Touches)	Greater than 35 million touches in one location without failure		
Environment	Operating Temperature	$0 \sim 50$ °C (32 ~ 122 °F) with SSD $0 \sim 40$ °C (32 ~ 104 °F) with HDD (with the HDD temperature more than or equal to 65 °C)		
	Storage Temperature	-30 ~ 60 °C (-22 ~ 140 °F)		
	Relative Humidity	10 ~ 95% @ 40 °C (non-condensing)		
	Shock	Operating 10 G peak acceleration (11 ms duration), follow IEC 60068-2-27		
	Vibration	Operating Random Vibration Test 5 ~ 500Hz, 1Grms @with HDD; 2Grms @with SSD, follow IEC 60068-2-64		
	EMC	CE, FCC Class B, BSMI		
	Safety	CB, CCC, BSMI, UL		
	Front Panel Protection	IP65 compliant		

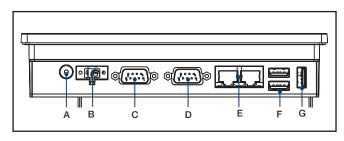


Ordering Information

Part Number	Description	
PPC-3060S-N80AE	Intel Celeron N2807 Fanless Panel PC with 6.5" LCD	
11 0-30003-NOUAL	LED backlight, assembled in China	
PPC-3060S-N80AU	Intel Celeron N2807 Fanless Panel PC with 6.5" LCD	
11 0-30003-NOUAU	LED backlight, assembled in Taiwan	
PPC-3060S-PN80A	Intel Celeron N2807 Fanless Panel PC with 7" LCD	
11 0-30003-1 NOUA	LED backlight, assembled in China	
PPC-3060S-PN80AU	Intel Celeron N2807 Fanless Panel PC with 7" LCD	
11 0-30003-1 NOUAU	LED backlight, assembled in Taiwan	
98R3P30600E	Bracket module for 2.5" SSD/HDD installation	
PPC-WLAN-C1E	M.2 Wi-Fi Module with Antenna cable support 2T2R	
PPC-ARM-A03	ARM VESA Standard (A-CLEVER) for PPC series	
PPC-174T-WL-MTE	Wall mount kit for PPC series	
PPC-Stand-A1E	Stand for PPC series	
96PSA-A90W190T-3	A/D 100-240V 90W 19V C6 TERMINAL 2 PIN 62368	
1700001524	Power cord 3P UL 10A 125V 1.8M	
170203183C	Power cord 3P Europe (WS-010+083) 183cm	
1700008921	Power cord 3P/3P 1.8M PSE	
96CB-POWER-B-1.8MB	Power code 3P CCC(China) 1.8M	

I/O View

PPC-3060S-N80AE



A. Power Switch

B. DC-In

C. RS-232

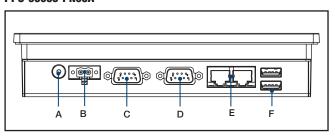
D. RS-232/422/485

E. 2 x RJ45 LAN

F. 1 x USB 2.0, 1 x USB 3.0

G. USB 2.0

PPC-3060S-PN80A



A. Power Switch

B. DC-In E. 2 x RJ45 LAN

C. RS-232

F. 1 x USB 2.0, 1 x USB 3.0

D. RS-232/422/485

Please note: If some optional modules are offered with the system, additional system certificates may be required in certain regions/countries. Please contact Advantech for certificate compliance.