

PTN-HMI Features

- Intel® Celeron® Processor J1900 (up to 2.42 GHz)
- Auto-dimming for different environment
- Rugged IP65 front bezel design
- Front hot keys for easy access
- Wide operating temperature range from -0°C to +60°C
- Various mounting ways
- 5-wire resistive or projected capacitive touch

Certification

- EN 50155 for Railway applications
- EN 50EN 61373 Random Vibration & Shock Testing
- EN 50121-3-2 Railway applications. Electromagnetic compatibility
- EN 45545 Fire and Smoke



Specifications

Mounting	IP65, NEMA 4 rugged protection, aluminum front bezel	
LCD Panel	Display	10.4" HMI, 13" HMI, 17" HMI, 19" HMI
	Brightness (cd/m2)	1000 nits
	Resolution	1280(H) ×1024(V)
	Viewing Angle	176°/176°
Main System	CPU	Intel® Celeron® Processor J1900 (up to 2.42 GHz)
	Chipset	SoC integrated
	System Memory	DDR3 8GB
	BIOS	AMI with Axiomtek standard features, such as SmartView, Ethernet Boot ROM (RPL & PXE), customer CMOS backup
	Storage	240/256GB SSD
	Watchdog Timer	255 levels, 1 to 255 sec.
	Onboard Graphics	Integrated in Intel® GFX
USB	5 x USB 2.0 / 1 x USB 3.0	
Ethernet Digital I/O Audio	2 x 10/100/1000 Mbps (Realtek RTL8111E)-M12	
	8 channels programmable	
	Mic-in/Line-out	
Expansion	1 x PCIe x1	
	1 x PCI Express Mini Card	
	1 x SIM card slot	

Introduction

The PTN-HMI vehicle mount terminal focuses on logistics, automation and heavy-duty markets. The vehicle mount terminal is engineered specifically for in-vehicle use and can be operated in extreme and regular environments indoor and outdoor. The PTN-HMI is designed to improve efficiencies across the facility. Especially in the case of forklifts, embedding a capable mobile terminal can improve productivity and reduce errors between docks and warehouse. Having access to accurate information at all time in real-time aids in every process from receiving to storing, moving around, cross docking and picking.

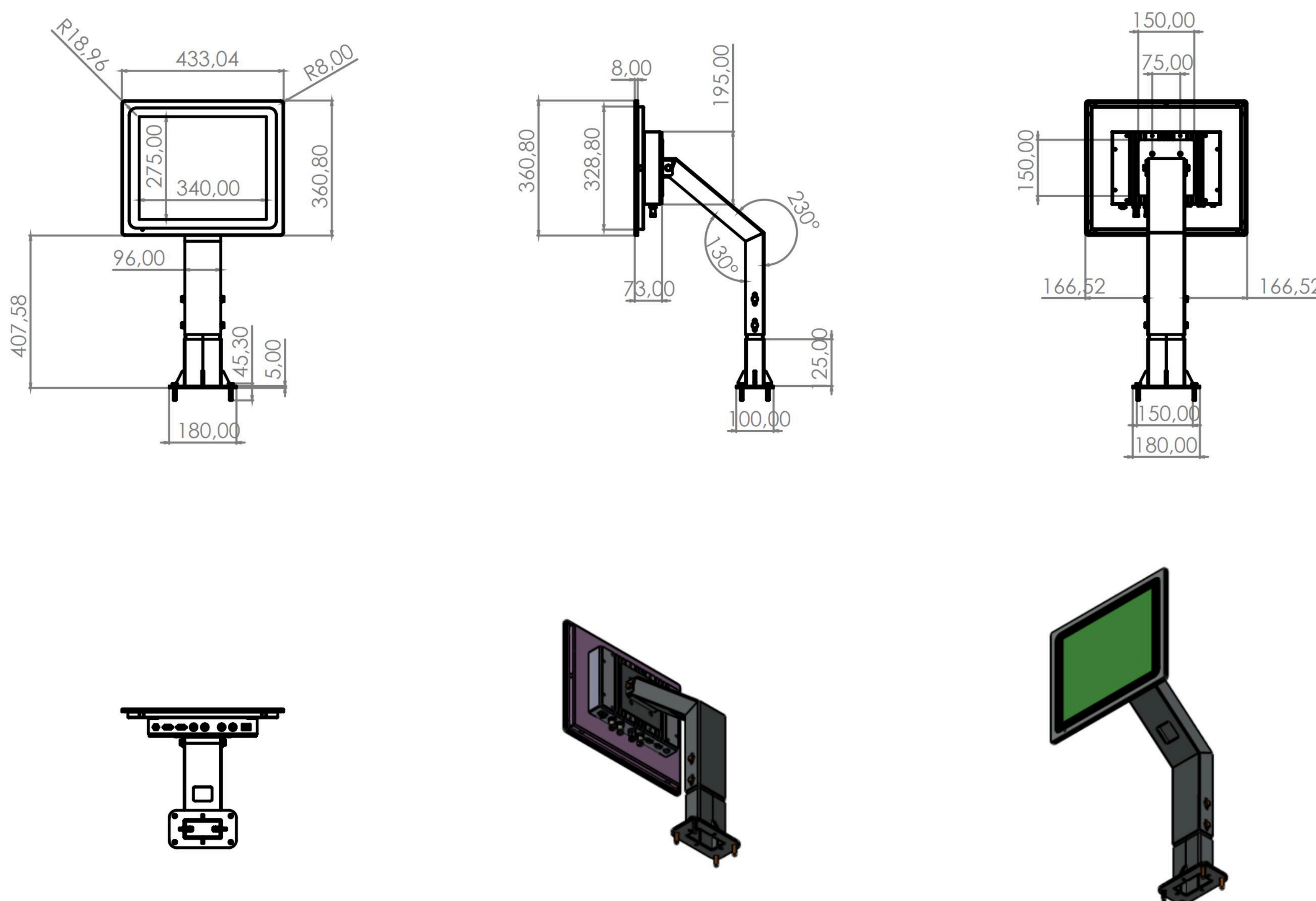
WideTemperature (0°C to +60°C)

The Intel® Celeron® based vehicle mount terminal, PTN-HMI, applies unique extended temperature technology with wide temperature range support as well as fanless operation. It also has a compact design to fit seamlessly into forklift and other heavy-duty vehicles.

Designed for Vehicle Markets

The Axiomtek PTN-HMI is particularly suitable for demanding HMI applications in the vehicle-mounted sector, including arranging stocks and picking goods up and away. To ensure the reliable operation in a variety of different locations, the vehicle-mounted panel PC supports various mounting options: wall mount, VESA arm and desktop stand.

Technical Drawing



Product Views

