

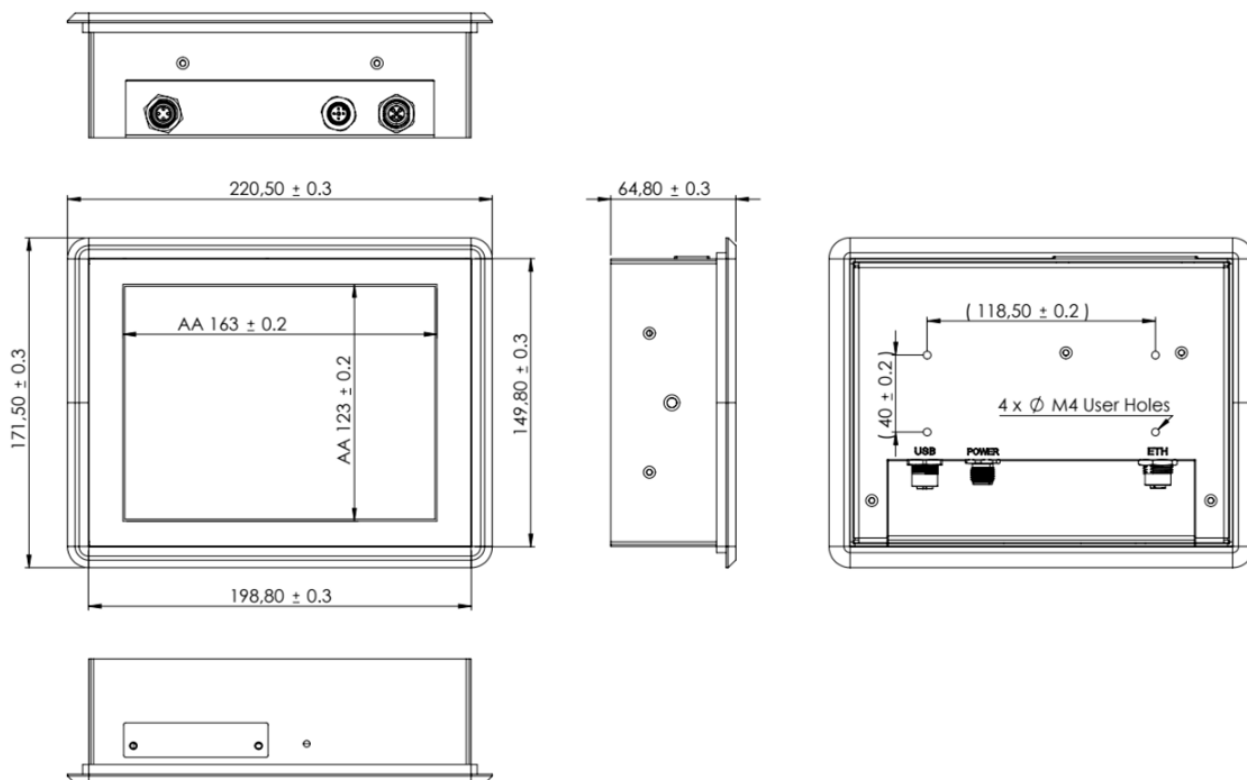
- 8 inches SVGA / XGA.
- Wide viewing angle and high brightness.
- Integrated ATOM E38XX or Quad Core ARM CPU.
- Optional touch panel.
- Fully configurable manual and automatic dimmer.
- Slim frame.
- Wide power supply options available.
- Extended range operating temperature.
- LED backlight lifetime min. 50.000h.



General Specification	
Size	8 inches
Resolution / Aspect	800 x 600 / 1024 x 768px / 4:3
Inputs	Ethernet / WiFi (Optional)
Audio	Optional Audio Output
Touch	Resistive 5 Wires / Projected Capacitive
Power Supply	9-36V DC / 43-160VDC / 14-160VDC
Power Consumption	18W (300 nits) / 27W (750 nits)
MTBF / Lifespan	Controller and LCD: 100.000h Backlight: min. 50.000h
Warranty	24 months
Certification	Optional: EN50155, EN50126, EN61643-21-2001
Mounting Type	Panel Mount, Stand Alone, rear custom fixtures
Mechanical and Environment	
Dimension	(see drawing for details)
Weight	~2Kg
Enclosure	Steel and Aluminum, Powder Paint
Operation Temp.	-20°C to 70°C
Storage Temp.	-20°C to 70°C
Vibrations / Shock	1G 2-500Hz / 10G 11ms
Optical Specification	
Brightness	500/1000 nits, LED backlight.
Dimmer	Fully configurable Dimmer with Internal Sensor (included) and External Sensor (optional)
Contrast ratio	1000:1
Viewing Angle	178° H, 178° V
Response Time	16 ms
Optical Finish	Anti-glare/Anti-reflective
Enhancements	Sunlight Readable and Transflective Enhancements Available

CPU Specification (ARM)	
Cores	Quad-core ARM Cortex-A17
Frequency	1.8GHz
DDR	Upto 4G DDR4
Graphics	Mali-T760 MP4 GPU
Storage	Internal 8 to 16G eMMC , external TF/SD
Watchdog	Configurable watchdog
CPU Specification (Intel)	
Cores	E3815 Single Core / E3825 Dual Core / E3845 Quad Core
Frequency	1.46Ghz / 1.33Ghz / 1.91Ghz
DDR	Upto 4G DDR4
Graphics	Intel Graphics
Storage	Internal 8 to 16G eMMC , external C-FAST
Watchdog	Configurable watchdog
I/O	
Ethernet	1 x Base10/100, Optional Gigabit, M12 Connector D Coded
USB	USB 2.0 x 1 Type A / M12 A Coded
Ignition	Integrated digital input for IGN control
RS232/485	Optional RS232 / RS485 Port (M12 Connector)
Digital I/O	Optional 8 Input or 4 in 4 Out optional
Video	Optional DVI / HDMI Output
Audio	Optional Line In / Line Out

**Drawing**



Images



Ordering Information

Model	CPU	RAM/Flash	I/O	Interfaces	Power Supply	Brightness	Touch/Cover
eDP800HB-UPN-3288-232-0-000-2ND1-T	E3825	2G / 32G	IGN IN	ETH 10/100M	9-36VDC	500 nits	PCAP

Accessories
