


**FEATURES**

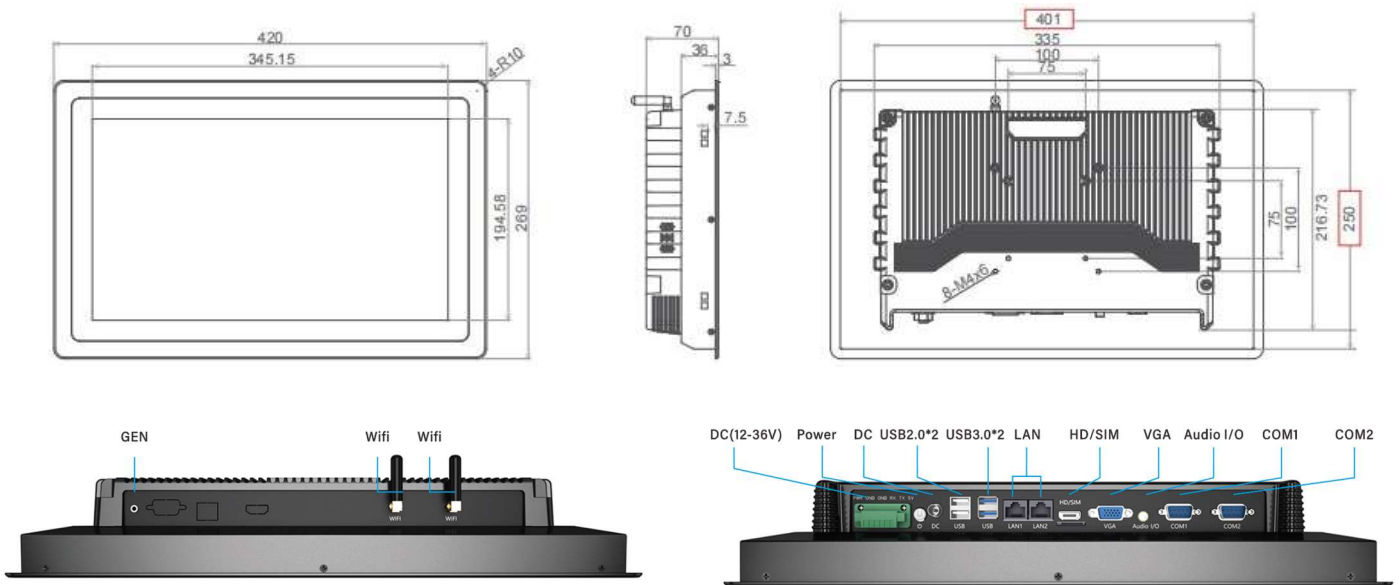
- 15.6" TFT LED with PCAP Touch
- Intel Core i3-8145U Dual Core 2.1GHz
- DDR4 2400MHz 8GB. Max up to 64 GB
- 2xLAN, 2xRS232/422/485
- Wide voltage DC 12V~24V
- -10°C ~ 60°C extended operating temperature
- IP65 Compliant Front Panel

**SPECIFICATIONS**

<b>System</b>		<b>Touch screen</b>	
CPU	Intel Core i3-8145U Dual Core 2.1GHz	Touch Screen Type	10-Point Multi-Touch P-CAP
L3 Cache	4MB	Transmittance	90 % ± 2 %
Chipsets	8 <sup>th</sup> generation	Controller	USB Interface
Memory	1 x SODIMM DDR4 2400 MHz (max. 64 GB) (1.2 V)	Surface Hardness	≥7H
Storage	1 x 2.5" SATA bay, 1 x mSATA bay	Display Type	15.6" LCD (LED backlight)
Graphics	Intel HD Graphics	Backlight Lifetime	50,000hr(min.)
Network	1 x 10/100/1000 Mbps Ethernet+1 x 10/100 Mbps Ethernet (Intel I211-AT; Intel I219LM)	<b>Housing</b>	
Audio	Realtek ACL662 Audio controller	Material	High-strength Al-alloy, support IP65
TPM	TPM 2.0	Color	Black / White (optional)
Operation System	Windows 10 / 11 / Linux	VESA Mounting	VESA: 100 x 100 mm
<b>I / O</b>		Waterproof Rate	IP65
GRAPHIC	1 x H-DMI / 1 x VGA	Product Dimension	420 x 269 x 70 mm
LAN	2 x LAN	Cut-out Size	401 x 250 mm
USB	2 x USB 3.0 / 2 x USB 2.0	Packing Dimensions	
COM	2 x RS-232 / 422 / 485	Weight	3,2 KG
Wireless Network	4G / WiFi / Bluetooth ( Optional )	<b>Power and Environment</b>	
Other I/O Interface	1 x TPM 2.0 internal (optional)	Operating Temperature	-10~60°C
<b>LCD Panel</b>		Storage Temperature	-20~60°C
Panel Size	15.6" FHD Led	Relative Humidity	0%~65% non-condensing
Resolution	1920 x 1080	Vibration Range	10G peak acceleration (11 ms duration) Random Vibration Test 5 ~ 500Hz, 1Grms @with HDD; 2Grms @with SSD
Aspect Ratio	16:9		
Display Brightness	300 cd/m2	External Power Supply	AC 100 - 240V~50/60Hz, 1.5A
Contrast Ratio	1000:1	Working Voltage	DC IN 12V~24V
Viewing Angle	85 / 85 / 85 / 85 ( L / R / U / D )	Power Consumption	45W



Dimension & I/O



AVAILABLE MODELS

Display Size	Resolution	Format	Brightness(cd/m2)	Viewing Angle	LCD Color	Backlight MTBF
8"	1024 x 768	4:3	400 cd/m <sup>2</sup>	(H)160° (V) 160°	16.7M	50000 Hr (min.)
10.1"	1280 x 800	16:10	400 cd/m <sup>2</sup>	(H)160° (V) 160°	16.7M	50000 Hr (min.)
10.4"	1024x768	4:3	400 cd/m <sup>2</sup>	(H)160° (V) 160°	16.7M	50000 Hr (min.)
11.6"	1920x1080	16:9	400 cd/m <sup>2</sup>	(H)160° (V) 160°	16.7M	50000 Hr (min.)
12"	1024x768	4:3	400cd/m <sup>2</sup>	(H)160° (V) 160°	16.7M	50000 Hr (min.)
12,1"	1280x800	16:10	400cd/m <sup>2</sup>	(H)160° (V) 160°	16.7M	50000 Hr (min.)
15"	1024x768	4:3	350cd/m <sup>2</sup>	(H)160° (V) 160°	16.7M	50000 Hr (min.)
15,6"	1920x1080	16:9	350cd/m <sup>2</sup>	(H)160° (V) 160°	16.7M	50000 Hr (min.)
17"	1280x1024	5:4	400cd/m <sup>2</sup>	(H)160° (V) 160°	16.7M	50000 Hr (min.)
17.3"	1920x1080	16:9	400cd/m <sup>2</sup>	(H)160° (V) 160°	16.7M	50000 Hr (min.)
19"	1920x1080	5:4	400cd/m <sup>2</sup>	(H)160° (V) 160°	16.7M	50000 Hr (min.)
19,1"	1440x900	16:10	400cd/m <sup>2</sup>	(H)160° (V) 160°	16.7M	50000 Hr (min.)
21.5"	1920x1080	16:9	400cd/m <sup>2</sup>	(H)160° (V) 160°	16.7M	50000 Hr (min.)

