

AFL3 Whiskey Lake with PoE

NEW

Intelligent PoE Management System

Features

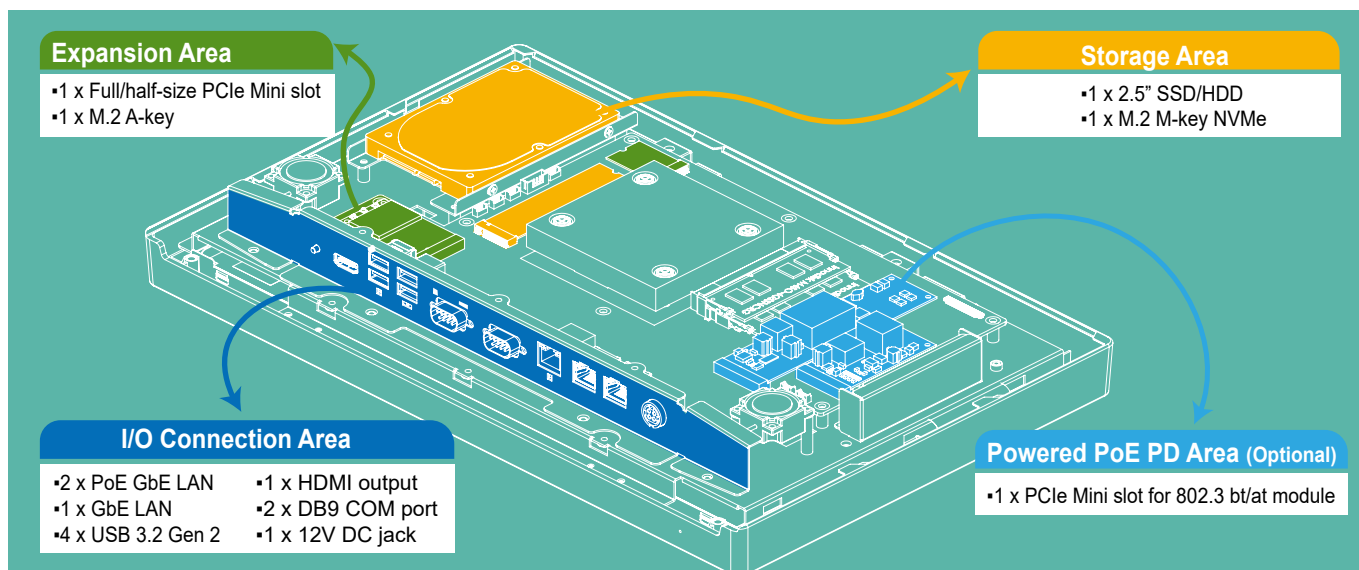
- W15.6"~W21.5" light industrial interactive panel PC
- 8th Generation Intel® Core™ i5 on-board Whiskey Lake-U processor
- Selectable AT/ATX power mode
- Built-in speakers
- Support PoE PD IEEE802.3 af/at/bt (optional)
- IP64 compliant front panel
- Touch screen with anti-UV / anti-glare coating
- Support Auto Flow Control over RS-485



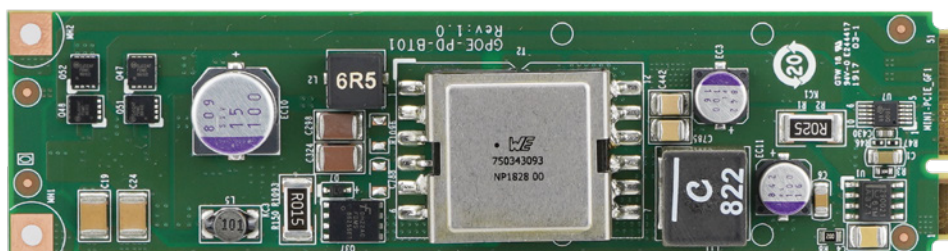
Specifications

Model		AFL3-W15C-ULT5	AFL3-W19C-ULT5	AFL3-W22C-ULT5
LCD	Size	15.6"	18.5"	21.5"
	Resolution	1366 x 768 (16:9)	1366 x 768 (16:9)	1920 x 1080 (16:9)
	Brightness (cd/m²)	300	250	250
	Contrast Ratio	500:1	1000:1	1000:1
	Viewing Angle (H-V)	170º/160º	170º/160º	170º/160º
	Backlight MTBF (hrs)	50000	30000	30000
Touch Screen		PCAP with USB interface (anti-UV/AG coating)		
Touch Controller		EXC3160		
Mainboard	CPU	Intel® Whiskey Lake-U quad-core processor		
	Memory	Two 260-pin 2400MHz dual-channel DDR4 SO-DIMMs supporting up to 32 GB		
	Ethernet	LAN1 & LAN2: Intel® I210; LAN3: Intel® I219		
	Audio Codec	Realtek ALC 888S		
Storage		1 x M.2 M-key 2280 PCIe 3.0 x4 (PCIe/SATA Signal) 1 x 2.5" SATA 3Gb/s HDD bay		
I/O Ports & Switch		2 x PoE GbE LAN (optioal IEEE802.3af/at/bt) 1 x GbE LAN 4 x USB 3.2 Gen.2 1 x HDMI output 1 x RS-232/422/485 1 x RS-232 1 x 12V DC jack 1 x Power Button 1 x AT/ATX switch		
Audio		AMP 3W + 3W (internal speaker)		
Camera / Microphone		2-megapixel with low light function, digital microphone		
Wireless & Bluetooth		IEEE 802.11 a/b/g/n/ac, Bluetooth V4.1 M.2 A+E key 2230 slot (PCIe/USB signal)		
Physical	Construction Front Panel	PC + ABS Plastic		
	Mounting	Panel, Wall, Stand and Arm VESA 75mm x 75mm, 100mm x 100mm		
	Color	Black C		
	Dimensions (W x H x D) (mm)	396 x 250 x 64	470 x 290 x 70	528 x 336 x 68
	Cut-out Dimensions (W x H)	369 x 226	443 x 261	502 x 303
	Net/Gross Weight (kgs)	4.5/6.5	7.3/10	8.27/11.27
Environment	Operating Temperature (°C) (Ambient with air flow)	-20°C~50°C		
	Storage Temperature (°C)	-20°C~60°C		
	Humidity	10% to 95% (non-condensing)		
	IP Level	IP 64 compliant front panel		
	Safety & EMC	CE / FCC class A		
	Thermal Solution	Fanless		
Power	Power Requirement	12V, 8A		
		PoE IEEE802.3 af/at/bt (redundancy, power load-sharing)		
ErP		ErP 2009/125/EC		
Supported OS		Microsoft Windows® 10 / Windows® 11, Linux		

Rich Interface

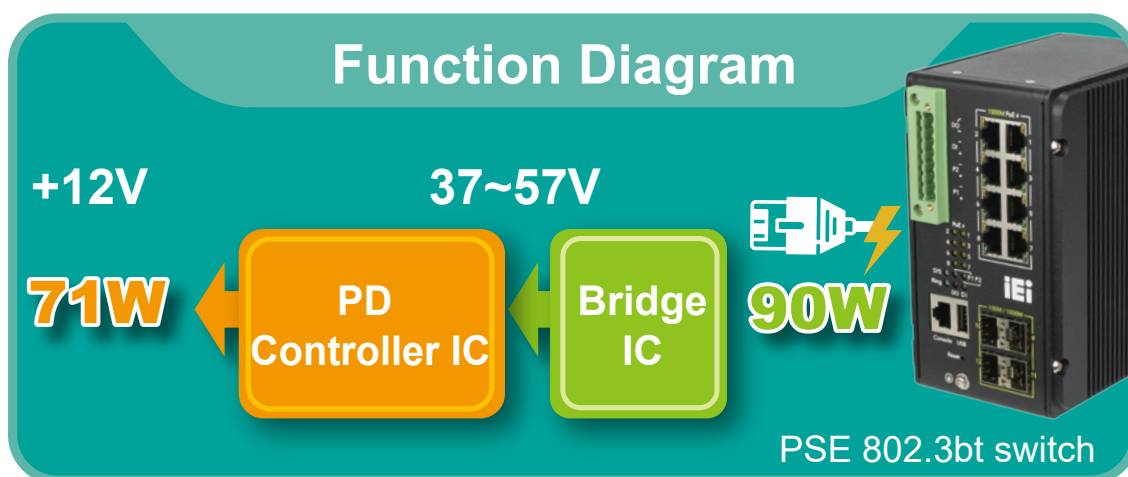


IEEE802.3 PD Module



GPOE-PD-BT01-R10

- Support PoE IEEE802.3 af/at/bt
- Support up to 71watt PD
- PCIe Mini form factor (IEI defined pin)
- Operating temperature: -10°C~60°C
- Operating humidity: 5% ~ 95%



Ordering Information

Part No.	Description
AFL3-W15C-ULT5-i5/P/PC/4G-R10	Wide 15.6" 300cd/m ² 1366x768 Panel PC with 8th generation 14nm Intel® Whiskey Lake Core™ i5-8365UE (15W) on-board processor (ULT), PoE option, 802.11a/b/g/n/ac Wi-Fi module, PCAP touch, 2M camera, microphone, 1*4GB DDR4 RAM, with AG, R10
AFL3-W19C-ULT5-i5/P/PC/4G-R10	Wide 18.5" 250cd/m ² 1366x768 Panel PC with 8th generation 14nm Intel® Whiskey Lake Core™ i5-8365UE (15W) on-board processor (ULT), PoE option, 802.11a/b/g/n/ac Wi-Fi module, PCAP touch, 2M camera, microphone, 1*4GB DDR4 RAM, with AG, R10
AFL3-W22C-ULT5-i5/P/PC/4G-R10	Wide 21.5" 250cd/m ² 1920x1080 Panel PC with 8th generation 14nm Intel® Whiskey Lake Core™ i5-8365UE (15W) on-board processor (ULT), PoE option, 802.11a/b/g/n/ac Wi-Fi module, PCAP touch, 2M camera, microphone, 1*4GB DDR4 RAM, with AG, R10
GPOE-PD-BT01-R10	PoE PD IEEE802.3af/at/bt with PCIe Mini form factor, supports AFL3-W15C/W19C/W22C-ULT5, R10

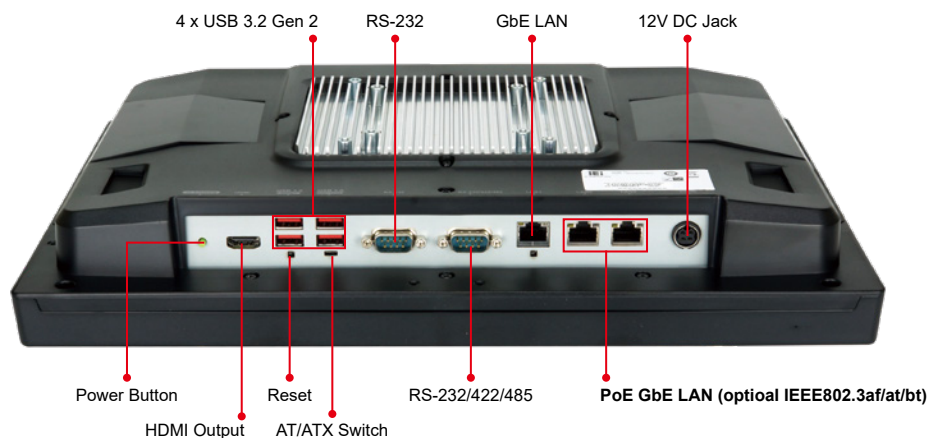
Options

Item	AFL3-W15C-ULT5	AFL3-W19C-ULT5	AFL3-W22C-ULT5
Panel Mounting Kit	AFL3PK-W15A-R10	AFL3PK-W19C-R10	AFL3PK-W19C-R10
Wall Mounting Kit	AFLWK-19B		
Rack Mounting Kit	N/A	N/A	N/A
Arm	ARM-11-RS/ARM-31-RS		
Stand	STAND-A21-R10/ STAND-210-R11/STAND-C19-R10		
Barcode Scanner	AFL3-2D-R11		
RFID Reader (13.56 MHz Mifare Type For ATO assembly)	AFL3-MF-RFID-KIT02-R11		

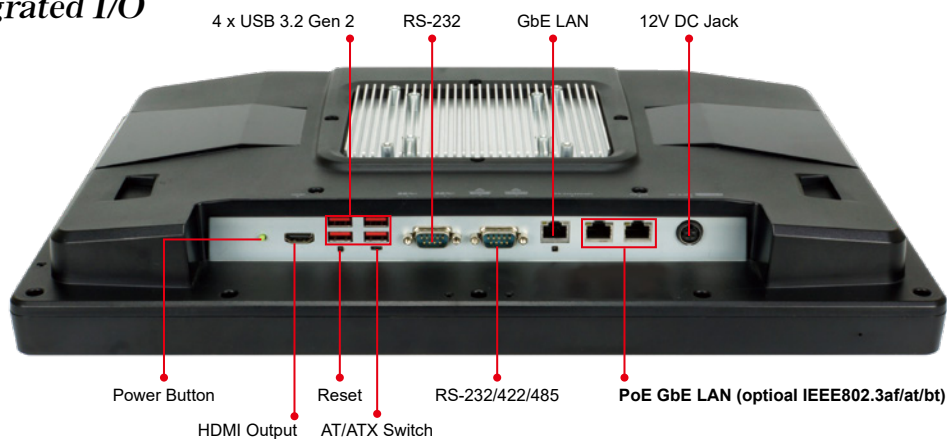
Packing List

Item	Part No.	Q'ty	Remark
Round head machine screw	44003-020041-RS	2	M2*4 round head machine screw
	44003-020041-RS	4	M2*4 round head machine screw
Pan head machine screw	44403-040061-RS	4	M4*6 pan head machine screw
Fix holder	46003-009500-RS	2	
Power cord	32702-000400-200-RS	1	
Power adapter	63040-010096-200-RS	1	Vin: 90~264VAC; 96W, Vout: 12VDC; Din 4Pin/lock

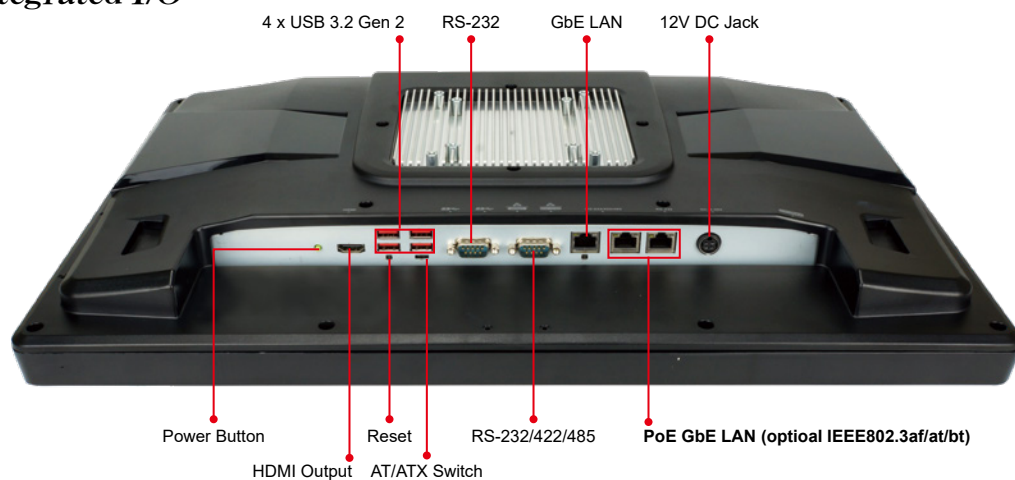
AFL3-W15C-ULT5 Fully Integrated I/O



AFL3-W19C-ULT5 Fully Integrated I/O



AFL3-W22C-ULT5 Fully Integrated I/O



Technical drawing of the Philips 46PFL5608H television, showing front, side, and top views with dimensions in millimeters (mm).

Front View Dimensions:

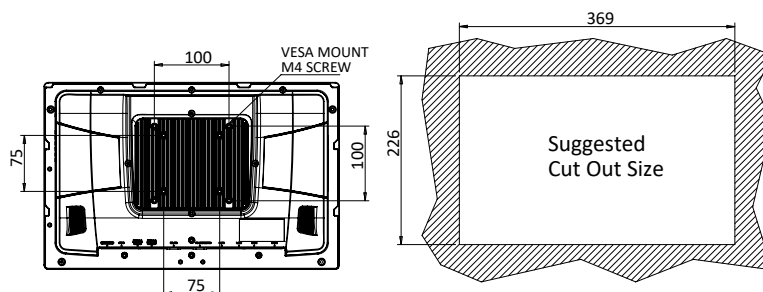
- Width: 366 mm
- Height: 250.21 mm
- Screen Width: 395.89 mm
- Screen Height: 222.64 mm

Side View Dimensions:

- Depth: 69.40 mm
- Stand Height: 66 mm
- Base Width: 38.28 mm

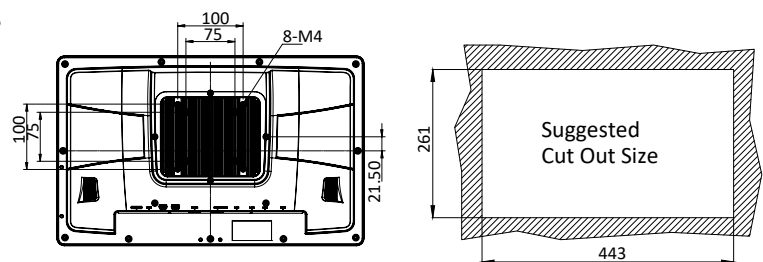
Top View:

- Shows the bottom panel with various ports and controls.



Technical drawing of the Philips 43PUS6602 television showing dimensions in millimeters (mm):

- Top View:** Width 439.95 mm, Height 290.36 mm.
- Front View:** Width 411.80 mm, Height 237 mm.
- Left Side View:** Depth 257.55 mm.
- Right Side View:** Depth 30.10 mm, Stand Height 70.05 mm.
- Bottom View:** Shows the base and feet.



Technical drawing of the Philips 24PFL5000T monitor showing three views with dimensions:

- Top View (Front):** Shows the monitor's width and height. The total width is 530.27 mm, and the width of the active display area is 498.50 mm. The total height is 269 mm.
- Side View:** Shows the monitor's depth and thickness. The total depth is 15 mm, and the thickness of the bezel is 72 mm. The total height is 78 mm.
- Bottom View (Rear):** Shows the monitor's base and mounting holes. The width of the base is 477 mm, and the width of the mounting holes is 238.50 mm. The distance from the bottom edge to the mounting holes is 20.50 mm.

