

# IPPLP-A4

## Panel - PC with Atom E3845 CPU

### Features:

- Display Size: 10,4", 12,1", 15", 17", 19", 21,5" TFT
- Resolution: 1024 x 768 or 1280 x 1024 or 1920 x 1080 Pixel
- resistive Touch Screen
- Industrial embedded 3,5" CPU Board
- Intel Atom Quad Core Bay Trail Processor, 1,91 GHz
- Hard Disk or Flash Disk
- can boot up from USB Port
- Several Frontplates available
- Rugged housing, designed for industrial use
- Completely fanless System



Panel-PC with 19" TFT Display and Stainless Steel Front Bezel

UTICOR offers with the IPPLP a series Panel PCs, which have a completely fanless Design.

The PC is available with 6 different Display Sizes. Depending on the mounted Display, the



Panel-PC with 10,4" TFT Display and Standard Front Bezel

Resolution is 1024 x 768, 1280 x 1024 or 1920 x 1080 Pixel.

The PC is equipped with an embedded 3,5" Processor Board with the Intel ATOM E3845 Quad Core Bay Trail, 1,91 GHz Processor. The Benchmark of this Processor is 1396. Due to the low Power Consumption of this Processor, the PC can operate completely fanless.

A 2,5" Hard Disk with > 320 GB capacity or a Flash Disk with > 120 GB capacity are used as storage.

The system Memory can be expanded to 4 GB or 8 GB.

The PC can be booted up from the USB Port.

Two LAN Ports, two serial and three USB Ports take care of the external interfacing. An external monitor can be connected to the VGA port.

The PC is available with a Black or Stainless Steel Panel Mounted Front Bezel as well as a 19" Rack Mounted Front Bezel.

The System offers a Front with IP 65 Protection and Touch Screen or protective Glass.

UTICOR also offers customer specified solutions.

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## Panel - PC with Atom E3845 CPU

### Models



Black Front Bezel, RAL 9005



Back 12,1" Panel - PC



Stainless Steel Front Bezel



Bottom View 12,1" Panel - PC



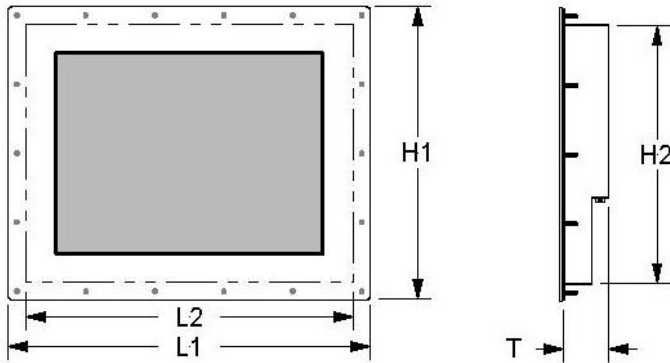
19" Rack Mount Front Bezel, RAL 9006



Workstation with IP 65 Housing

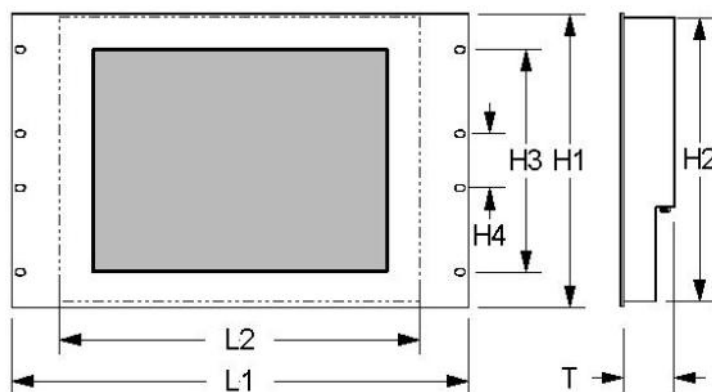
### Mechanical Dimensions

#### Panel - PC with Standard or Stainless Steel Frontplate



PC - Type	L1	L2	H1	H2	T	Thickness Frontplate	Cutout Dimension
10" TFT	286	256	235	205	80	3	258 x 207
12" TFT	348	314	280	246	71	3	316 x 248
15" TFT	420	384	340	304	85	3	386 x 306
17" TFT	455	417	380	342	85	3	419 x 344
19" TFT	476	438	410	362	85	3	440 x 364
21,5" TFT	570	532	360	322	85	3	535 x 325

#### Panel - PC with 19" Rack Mounted Frontplate



PC-Type	HE	L1	L2	H1	H2	H3	H4	T	Thickness Frontplate
12" TFT	6 HE	482,6	314	265,9	246	190,5	76,2	71	3
15" TFT	7 HE	482,6	384	310,2	304	235	57,4	85	3
17" TFT	8 HE	482,6	417	354,8	342	279,4	76,2	85	3
19" TFT	9 HE	482,6	438	399,2	362	323,8	120,6	85	3

All Dimensions in mm, subject to technical changes.

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## Panel - PC with Atom E3845 CPU



Specifications						
PC - Type	IPPLP-10xx	IPPLP-12xx	IPPLP-15xx	IPPLP-17xx	IPPLP-19xx	IPPLP-21xx
Display Size	10.4"	12,1"	15"	17"	19"	21,5"
Resolution	1024 x 768	1024 x 768	1024 x 768	1280 x 1024	1280 x 1024	1920 x 1080
Brightness (cd/m <sup>2</sup> )	500	500	400	350	350	300
Contrast	1200 : 1	700 : 1	700 : 1	1000 : 1	1000 : 1	5000 : 1
Backlight	LED Backlight, Life 50.000 H (half live)					
TOUCH	resistive Touch Screen (optional)					
Processor Board	Industrial 3,5" embedded CPU Board					
Processor Type	Intel Atom E3845 Bay Trail Quad Core Processor, 1,91 GHz					
Chip Set	Bay Trail					
Watchdog Timer	Generates System Reset, 256 levels					
System Memory	DDR3L SO-DIMM up to 8 GB					
Hard Disk / Flash Disk	> 500GB Harddisk SATA 2,5" or > 120 GB Flashdisk SATA 2,5"					
Mass Storage	CDRW or FDD external, using USB Port					
Mouse / Keyboard	using USB Port					
Ethernet Port	2 x 10 / 100 / 1000 Base T RJ 45 with Control Leds					
Serial Port	1 x RS232 / 1 x RS232/422/485					
USB Port	1 x USB 3.0 / 2 x USB 2.0 Port					
Expansion Slots	1 x mini PCIe Slot					
Display Interface	Display Port and VGA Port					
Operating System	Windows 7, 32 or 64 Bit					
Supply Voltage	90 to 230 VAC or 24 VDC					
Power (Watt)	33	35	36	40	40	50
Operating Temp.	0 to 45 °C					
Storage Temp.	- 20 to 60 °C					
Dimensions	Mechanical Dimensions op Page 3					
Depth (mm)	80	71	85	85	85	85
Weight	5,5 KG	6,0 KG	7,0 KG	8,0 KG	9,0 KG	10,0 KG

Subject to Technical Changes.