

POC-195

19" Point-of-Care Terminal with High Quality LCD Panel



Features

- 19" high quality LCD display with 16.7M colors and 1300:1 contrast ratio
- User-Friendly design with front function keys
- Isolated design provides unique electric leakage protection for COM ports and LAN ports
- IPX1 water resistant enclosure with additional IP65 dust-tight front panel
- UL60601-1/EN60601-1, CE & FCC Class B certified
- Optional 802.11b/g WLAN module, touchscreen, alarm light and trim knob

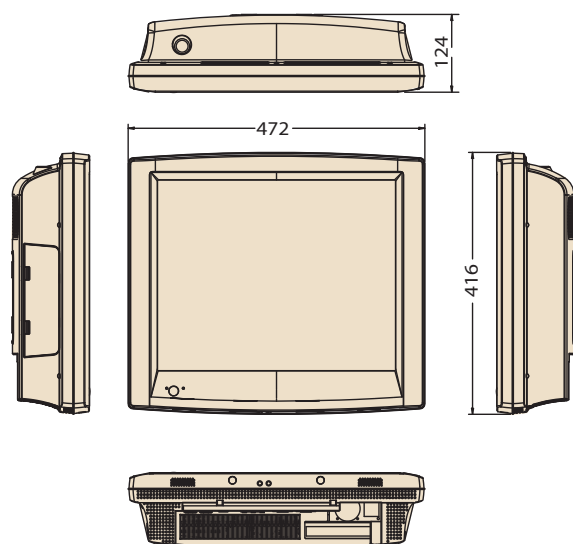


Specifications

Computing System	Chipset	915GM GMCH/ICH6-M Chipset
	CPU	Intel Pentium M processor (Socket 479); up to 2.0 GHz
	Front Side Bus	533 MHz
	Memory	DDR2 400/533 Unbuffered Non ECC x 2 (max. 2 GB)
Graphics	Controller	915GM GMCH integrated (GMA 900)
Expansion Slot	Mini PCI	1 x mini PCI slot, supports type IIIA Mini PCI
	PCI	1 x PCI 2.2, accepts low profile PCI Card
Storage	HDD	1 x 2.5" IDE or 1 x 2.5" SATA
Ethernet	Interface	2 x Gigabit Ethernet (isolated) interfaces (RJ-45)
I/O Ports		2 x RS-232 (isolated) and RS-232/422/485 (isolated) serial ports; 6 x USB 2.0 ports; 3 x IEEE 1394a ports, 1 x Parallel port 1 x PS/2 mouse and K/B; 1 x D-sub VGA port
Audio		2 x 1 W speakers; 1 x MIC-in and 1 x Line-in, 1 x Line-out
Optical Device		1 x COMBO(CD-R,DVD-ROM)
Display	Display type	19" TFT LCD
	Max. Resolution	1280 x 1024
	Max. Colors	16.7M color (RGB 8 bits)
	Dot size (mm)	0.294 x 0.294
	Viewing angle	178°/178°
	Luminance	300 cd/m ²
	Contrast ratio	1300 : 1
	LCD MTBF	50,000 hours
Power Supply	Backlight lifetime	50,000 hours at 6.5 mA
	AC Model	Internal ATX power supply
	Input voltage	100 ~ 250 V _{AC} , 4/2 A max. @ 50 ~ 60 Hz
	Output voltage	+5 V @ 12 A, +12 V @ 12 A, +3.3 V @ 16.8 A, +5 Vsb @ 2.0 A, -12 V @ 0.8 A (180 watts)
Optional Touchscreen	Type	Analog Resistive
	Light transmission	75%
	Controller	RS-232 interface (uses COM4)
	Durability	30 million touches
Environment	Temperature	0 ~ 40° C (32 ~ 104° F) (Operating)
	Humidity	10 ~ 95% @ 40° C (non-condensing)
	Shock Resistance	30G peak acceleration (11ms duration)
	Water/dust Resistance	IPX1 compliant
Physical Characteristics	Dimensions (W x H x D)	472 x 416 x 124 mm (18.58" x 16.38" x 4.88")
	Weight	10.5 Kg (23.15 lb)

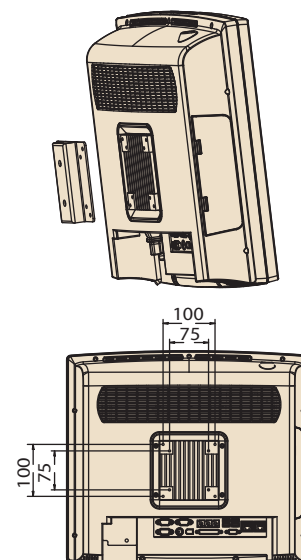
Dimensions

Unit: mm



Mounting

Unit: mm



VESA: 75 x 75 mm; 100 x 100 mm

Ordering Information

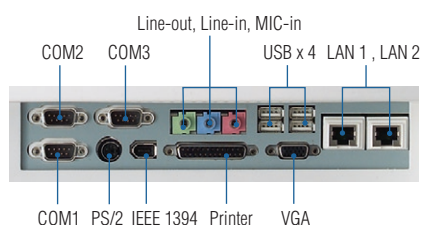
Part Number	Touch Panel	CPU	HDD 24 x 7	RAM
POC-195CB-AC-AE	-	-	-	-
POC-195CB-AC-ATE	Res.TS	-	-	-
POC-195CB-PE	-	Intel Pentium M 2.0 GHz	40 G SATA	1 GB
POC-195CB-PTE	Res.TS	Intel Pentium M 2.0 GHz	40 G SATA	1 GB

Accessories

Part Number	Description
1702002600	Power Cable (USA) 1.83M
1702002605	Power Cable (EUROPE) 1.8M
*	802.11b/g wireless LAN mini-PCI module & external antenna
*	Alarm Light
*	Trim Knob

*means this accessory will go with T Part Number. Please contact Advantech sales for more details.

Rear I/O



Design of side cover prevents unauthorized access to disc and water-splash

Packing List

Part Description	Quantity
CABLE 6P-6P-6P PS/2 KB & MOUSE 20 cm	1
HDD Frame for 2.5" HDD	1
User Note VESA Mounting Screws	1
CD-ROM for POC-195 Driver & Utility	1
Advantech 2-year warranty card	1
Nero CD Burning utility	1
CyberLink Power DVD utility	1



- A. Power Button
- B. Brightness Control Button
- C. Book Light
- D. Touchscreen
- E. Audio Control Button
- F. Trim Knob (optional)
- G. Alarm Light (optional)

POC-175

17" Intel® Pentium® M Processor-based Point-of-Care Terminal



Features

- 17" TFT LCD with 16.7M color support
- Isolated design provides unique electric leakage protection for COM ports and LAN ports
- IPX1 water resistant enclosure with additional IP65 dust-tight front panel
- One PCI 2.2 expansion slot to support low profile PCI card & mini-PCI slot for type IIIA mini PCI
- UL60601-1/EN60601-1, CE & FCC Class B certified
- Optional 802.11b/g WLAN module and touchscreen

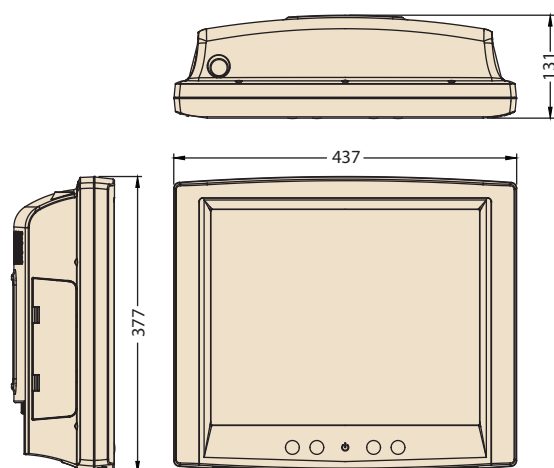


Specifications

Computing System	Chipset	915GM GMCH/ICH6-M Chipset
	CPU	Intel Pentium M processor (Socket 479); up to 2.0 GHz
	Front Side Bus	533 MHz
	Memory	DDR2 400/533 Unbuffered Non ECC x 2 (max. 2 GB)
Graphics	Controller	915GM GMCH integrated (GMA 900)
Expansion Slot	Mini PCI	1 x Mini PCI slot, supports type IIIA Mini PCI
	PCI 2.2	1 x PCI 2.2, accepts low profile PCI Card
Storage	HDD	1 x 2.5" IDE or 1 x 2.5" SATA
Ethernet	Interface	2 x Gigabit Ethernet (isolated) interfaces (RJ-45)
I/O Ports		2 x RS-232 (isolated) and 1 x RS232/422/485 (isolated) serial ports; 6 x USB 2.0 ports; 3 x IEEE 1394a ports, 1 x Parallel port 1 x PS/2 mouse and K/B; 1 x D-sub VGA port
Audio		2 x 1 W speakers; 1 x MIC-in and 1 x Line-in, 1 x Lin-out
Optical Device		1 x COMBO (CD-R, DVD-ROM)
Display	Display type	17" TFT color LCD.
	Max. Resolution	1280 x 1024
	Max. Colors	16.7M
	Dot size (mm)	0.264 x 0.264
	Viewing angle	160/160°
	Luminance	300 cd/m ²
	Contrast ratio	800 : 1
	LCD MTBF	50,000 hours
Power Supply	Backlight lifetime	50,000 hours at 6.5 mA
	AC Model	Internal ATX power supply
	Input voltage	100 ~ 240 V _{AC} , 4/2 A max. @ 50 ~ 60 Hz
	Output voltage	+5 V @ 12 A, +12 V @ 12 A, +3.3 V @ 16.8 A, +5 Vsb @ 2.0 A, -12 V @ 0.8 A (180 watts)
Optional Touchscreen	Type	Analog Resistive
	Light transmission	75%
	Controller	RS-232 interface (use COM4)
	Durability	30 million touches
Environment	Temperature	0 ~ 40° C (32 ~ 104° F) (Operating)
	Humidity	10 ~ 95% @ 40° C (non-condensing)
	Shock Resistance	30G peak acceleration (11ms duration)
	Power MTBF	100,000hrs
	Water/dust Resistance	IPX1 compliant
Physical Characteristics	Dimensions (W x H x D)	437 x 377 x 131 mm (17.20" x 14.84" x 5.15")
	Weight	10.5 kg (23.15 lb)

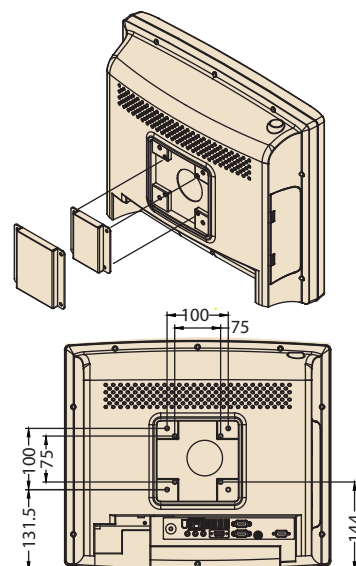
Dimensions

Unit: mm



Mounting

Unit: mm

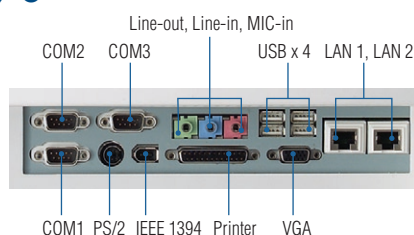


VESA: 75 x 75 mm ; 100 x 100 mm

Ordering Information

Part Number	Touch Panel	CPU	HDD 24 x 7	RAM
POC-175CB-AC-AE	-	-	-	-
POC-175CB-AC-ATE	Res.TS	-	-	-
POC-175CB-PE	-	Intel Pentium M 2.0 GHz	40 G SATA	1 GB
POC-175CB-PTE	Res.TS	Intel Pentium M 2.0 GHz	40 G SATA	1 GB

Rear I/O



Design of side cover prevents unauthorized access to disc and water-splash

Accessories

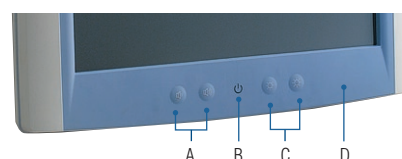
Part Number	Description
PDC-190-STAND	Stand for PDC-190/POC-175
1702002600	Power Cable (USA) 1.83M
1702002605	Power Cable (EUROPE) 1.8M
*	802.11b/g wireless LAN mini-PCI module & external antenna
*	Trim Knob
*	Alarm light (SM BUS)

*means this accessory will go with T Part Number. Please contact Advantech sales for more details.

Packing List

Part Description	Quantity
CABLE 6P-6P-6P PS/2 KB & MOUSE 20 cm	1
HDD Frame for 2.5" HDD	1
CD-ROM for POC-175 Driver & Utility V1.01 A21	1
Advantech 2-year warranty card	1
Nero CD Burning utility	1
CyberLink Power DVD utility	1

Function keys



A. Audio Control Button
B. Power Light

C. Brightness Control Button
D. Trim Knob (optional)

POC-174

17" Intel® Pentium® 4-M Processor-based Point-of-Care Terminal



Features

- 17" TFT LCD with 16.7M color support
- One PCI 2.2 expansion slot
- IPX1 water resistant enclosure with additional IP65 dust-tight front panel
- Isolated design provides unique electric leakage protection for COM ports and LAN ports
- UL60601-1/EN60601-1, CE & FCC Class B certified
- Optional 802.11b wireless module and touchscreen

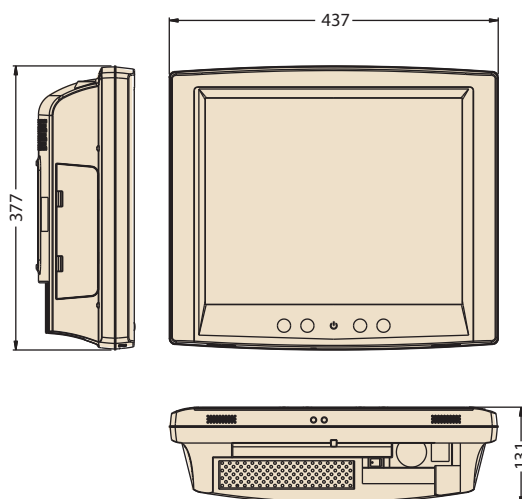


Specifications

Computing System	Chipset	Intel 845GV GMCH/ICH4 Chipset
	CPU	Intel Pentium 4 Mobile up to 2.2 GHz (Long term support with 1.7 GHz and 2.2 GHz)
	Front Side Bus	400 MHz
	Memory	DDR 333/266 DRAM, 2 x 184-pin DIMM (max. 2 GB)
Graphics	Controller	Intel 845GV
Expansion Slot	PCMCIA	2 x Type II
	PCI 2.2	1 x PCI 2.2 expansion slot
Storage	HDD	1 x 2.5" IDE
	FDD	1 x 1.44" MB
Ethernet	Interface	2 x 10/100Base-T Ethernet interface (RJ-45) (isolated)
I/O Ports	T/S model	2 x RS-232 (isolated) and 1 x RS-232/422/485 (isolated) serial ports;
	non T/S model	2 x RS-232 (isolated) and 1 x RS-232/422/485 (isolated) serial ports; 1 x RS-232 1 x Parallel port; 2 x USB ports; 1 x PS/2 mouse and K/B interface; 2 x PCMCIA; 1 x VGA
Audio		2 x 1 W speakers; 1 x MIC-in, 1 x line-in and 1 x Line-out
Optical Device		1 x slim type CD-ROM or COMBO (option)
Display	Display type	17" TFT color LCD.
	Max. Resolution	1280 x 1024
	Max. Colors	16.7M
	Dot size (mm)	0.264 x 0.264
	Viewing angle	160/160°
	Luminance	300 cd/m ²
	Contrast ratio	800 : 1
	LCD MTBF	50,000 hours
Power Supply	Backlight lifetime	50,000 hours at 6.5 mA
	AC Model	Internal ATX power supply
	Input voltage	100 ~ 240 V _{AC} , 4/2 A max. @ 50 ~ 60 Hz
	Output voltage	+5 V @ 12 A, +12 V @ 12 A, +3.3 V @ 16.8 A, +5 Vsb @ 2.0 A, -12 V @ 0.8 A (180 watts)
	DC Model	
	Input voltage	+24 Vdc, 7.5A max
	Output voltage	+5 V @ 10 A, +12 V @ 4 A, +3.3 V @ 8 A, +5 Vsb @ 0.75 A, -12 V @ 1 A
	Type	Analog Resistive
Optional Touch Screen	Light transmission	75%
	Controller	RS-232 interface (uses COM4)
	Durability	30 million touches
Certification		CE, FCC, VCCI, BSMI approved
		UL60950, UL60601-1, EN60950, EN60601-1 approved

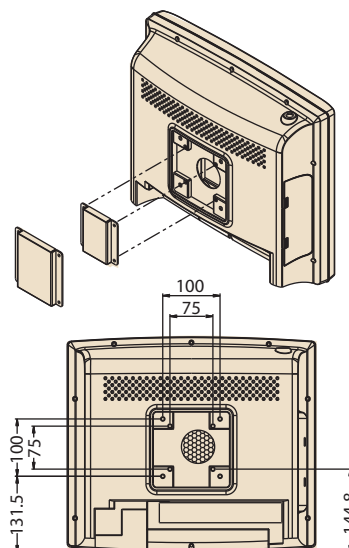
Dimensions

Unit: mm



Mounting

Unit: mm



VESA: 75 x 75 mm, 100 x 100 mm

Specifications Cont.

Environment	Temperature	0 ~ 40° C (32 ~ 104° F) (Operating)
	Humidity	10 ~ 95% @ 40° C (non-condensing)
	Shock Resistance	50G peak acceleration (11ms duration)
	Power MTBF	100,000hrs
	Water/dust Resistance	IPX1 compliant,
	Front Panel	IP65/NEMA Compliant
Physical Characteristics	Dimensions (W x H x D)	437 x 377 x 131 mm (17.20" x 14.84" x 5.15")
	Weight	10 Kg (22.05 lb)

Ordering Information

Part Number	Touch Panel	CPU	HDD	RAM
POC-174CD-AC-AE	-	-	-	-
POC-174CD-AC-ATE	Res.TS	-	-	-
POC-174CB-AC-AE	-	-	-	-
POC-174CB-AC-ATE	Res.TS	-	-	-
POC-174CD-PE	-	Intel Pentium 4 2.2 GHz	80 G IDE	1 GB
POC-174CD-PTE	Res.TS	Intel Pentium 4 2.2 GHz	80 G IDE	1 GB

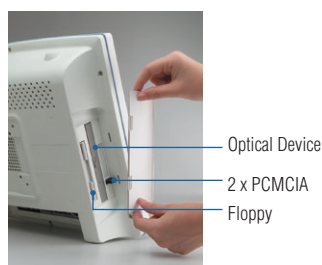
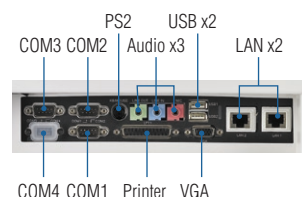
Accessories

Part Number	Description
WLAN-325HUE	802.11 b Wireless PCMCIA LAN Card (Det. Ant.) for Europe
WLAN-325HAE	802.11 b Wireless PCMCIA LAN Card (Det. Ant.) for USA
PDC-190-STAND	Stand for PDC-190/POC-175
1702002600	Power Cable (USA) 1.83M
1702002605	Power Cable (Europe) 1.8M

Packing List

Part Description	Quantity
CABLE 6P-6P-6P PS/2 KB & MOUSE 20 cm	1
HEATSINK CPU NEW POC-174 A1	1
User Note VESA Mounting Screws POC-174	1
CD ROM for POC-174 Driver and Utility	1
Advantech 2-year warranty card	1

Rear I/O



Design of side cover prevents unauthorized access to FDD, disk and water-splash

POC-155

15" Intel® Pentium® M Processor-based Point-of-Care Terminal



Features

- 15" LCD display
- Isolated design provides unique electric leakage protection for COM ports and LAN ports
- IPX1 water resistant enclosure with additional IP65 dust-tight front panel
- One PCI 2.2 expansion slot to support low profile PCI card & mini-PCI slot for type IIIA mini PCI
- UL60601-1/EN60601-1, CE & FCC Class B certified
- Optional 802.11b/g WLAN module and touchscreen

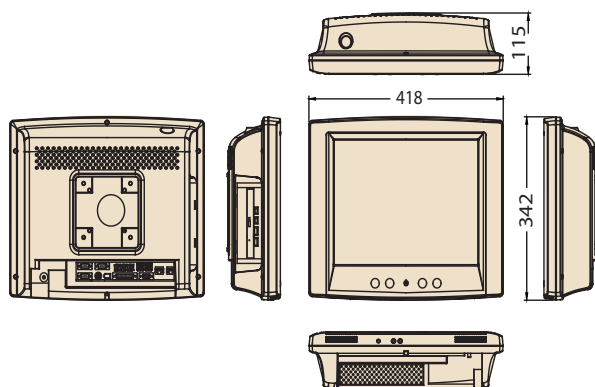


Specifications

Computing System	Chipset	915GM GMCH/ICH6 Chipset
	CPU	Intel Pentium M processor (Socket 479); up to 2.0 GHz
	Front Side Bus	533 MHz
	Memory	DDR2 400/533 Unbuffered Non ECC x 2 (max. 2 GB)
Graphics	Controller	915GM GMCH integrated (GMA 900)
Expansion Slot	Mini PCI	1 x Mini PCI slot, supports type IIIA Mini PCI
	PCI 2.2	1 x PCI 2.2, accepts low profile PCI Card
Storage	HDD	1 x 2.5" IDE or 1 x 2.5" SATA
Ethernet	Interface	2 x Gigabit Ethernet (isolated) interface (RJ-45)
I/O Ports		2 x RS-232 (isolated) and 1 x RS-232/422/485 (isolated) serial port; 6 x USB 2.0 ports; 3 x IEEE 1394a ports, 1 x Parallel port 1 x PS/2 mouse and K/B; 1 x D-sub VGA port
Speakers		2 x 1 W speakers; 1 x MIC-in and Speaker-out
Optical Device		1 x COMBO (CD-R, DVD-ROM)
Display	Display type	15" TFT color LCD.
	Max. Resolution	1024 x 768
	Max. Colors	262K
	Pixel Pitch (mm)	0.297 x 0.297
	Viewing angle (H/V)	130/120°
	Luminance	350 cd/m ²
	Contrast ratio	500 : 1
	LCD MTBF	50,000 hours
Power Supply	Backlight lifetime	50,000 hours at 6.5 mA
	AC Model	Internal ATX power supply
	Input voltage	100 ~ 240 V _{AC} , 4/2 A max. @ 50 ~ 60 Hz
	Output voltage	+5 V @ 12 A, +12 V @ 12 A, +3.3 V @ 16.8 A, +5 Vsb @ 2.0 A, -12 V @ 0.8 A (180 watts)
	DC Model:	AC/DC Adapter
	Input voltage	100 ~ 240 V _{AC} , 47 ~ 63Hz, 1.1 ~ 0.45A
Optional Touchscreen	Output voltage	+24 Vdc, 3.33 A max. (80 W)
	Type	Analog Resistive
	Light transmission	75%
	Controller	RS-232 interface (use COM4)
Environment	Durability	30 million touches
	Temperature	0 ~ 40° C (32 ~ 104° F) (Operating)
	Humidity	10 ~ 95% @ 40° C (non-condensing)
	Shock Resistance	30G peak acceleration (11ms duration)
	Power MTBF	100,000hrs
Physical Characteristics	Water/dust Resistance	IPX1 compliant
	Dimensions (W x H x D)	418 x 342 x 115 (16.46" x 13.46" x 4.53")
	Weight	6.5 kg (14.33 lb)

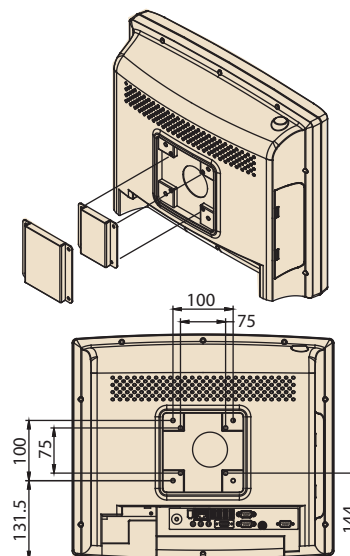
Dimensions

Unit: mm



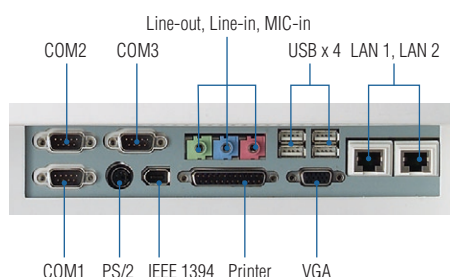
Mounting

Unit: mm



VESA: 75 x 75 mm, 100 x 100 mm

Rear I/O



Ordering Information

Part Number	Touch Panel	CPU	HDD 24 x 7	RAM
POC-155CB-AC-AE	-	-	-	-
POC-155CB-AC-ATE	Res.TS	-	-	-
POC-155CB-PE	-	Intel Pentium M 2.0 GHz	40 G SATA	1 GB
POC-155CB-PTE	Res.TS	Intel Pentium M 2.0 GHz	40 G SATA	1 GB

Accessories

Part Number	Description
POC-153 STAND	Stand for POC-154/POC-155
1702002600	Power Cable (USA) 1.83M
1702002605	Power Cable (Europe) 1.8M
*	802.11b/g wireless LAN mini-PCI module & external antenna

*means this accessory will go with T Part Number. Please contact Advantech sales for more details.

Packing List

Part Description	Quantity
CABLE 6P-6P-6P PS/2 KB & MOUSE 20 cm	1
HDD Frame for 2.5" HDD	1
CD-ROM for POC-155 Driver & Utility V1.01	1
Advantech 2-year warranty card	1
Nero CARDBOARD-6.0 CD Burning utility	1
CyberLink Power DVD utility	1



Spill & Dust Resistant

IP65 certified front panel; IPX1 certified enclosure



Design of side cover prevents unauthorized access to disc and water-splash

*means this accessory will go with T-Part number. Please contact Advantech sales for more details.

POC-154

15" Intel® Pentium® 4-M Processor-based Point-of-Care Terminal



Features

- 15" LCD display
- Isolated design provides unique electric leakage protection for COM ports and LAN ports
- IPX1 water resistant enclosure with additional IP65 dust-tight front panel
- PCI expansion slot x 1
- UL60601-1/EN60601-1, CE & FCC Class B certified
- Optional 802.11b/g WLAN module and touchscreen

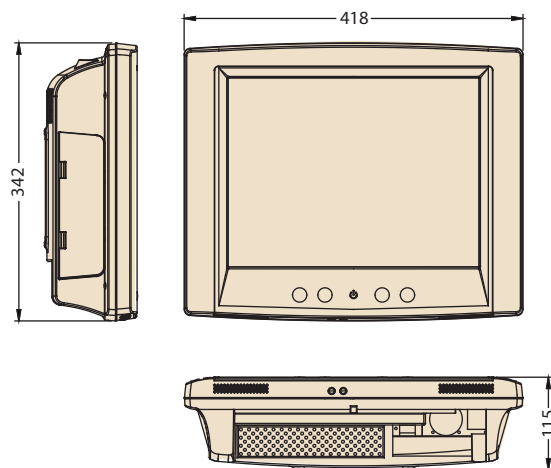


Specifications

Computing System	Chipset	Intel 845GV GMCH/ICH4 Chipset
	CPU	Intel Pentium 4 Mobile up to 2.2 GHz (Long term support with 1.7 GHz and 2.2 GHz)
	Front Side Bus	400 MHz
	Memory	DDR 333/266 DRAM, 2 x 184-pin DIMM (max. 2 GB)
Graphics	Controller	Intel 845GV
Expansion Slot	PCMCIA	2 x Type II
	PCI 2.2	1 x PCI 2.2 expansion slot
Storage	HDD	1 x 2.5" IDE
	FDD	1 x 1.44 MB
Ethernet	Interface	2 x 10/100Base-T Ethernet interface (RJ-45)
I/O Ports	T/S Model	2 x RS-232 (isolated) and 1 x RS-232/422/485 (isolated) serial ports;
	non T/S Model	2 x RS-232 (isolated) and 1 x RS-232/422/485 (isolated) serial ports; 1 x RS-232 2 x USB ports; 1 x Parallel port; 1 x PS/2 mouse and K/B interface; 2 x PCMCIA
Audio		2 x 1 W speakers; 1 x MIC-in, 1 x line-in and 1 x line-out
Optical Device		1 x slim type CD-ROM or COMBO (option)
Display	Display type	15" TFT color LCD.
	Max. Resolution	1024 x 768
	Max. Colors	262K
	Pixel Pitch (mm)	0.297
	Viewing angle (H/V)	130/120°
	Luminance	350 cd/m ²
	Contrast ratio	500 : 1
	LCD MTBF	50,000 hours
Power Supply	Backlight lifetime	50,000 hours at 6.5 mA
	AC Model	Internal ATX power supply
	Input voltage	100 ~ 240 V _{AC} , 4/2 A max. @ 50 ~ 60 Hz
	Output voltage	+5 V @ 12 A, +12 V @ 12 A, +3.3 V @ 16.8 A, +5 Vsb @ 2.0 A, -12 V @ 0.8 A (180 watts)
	DC Model:	
	Input voltage	+24 Vdc, 7.5A max
Optional Touchscreen	Output voltage	+5 V @ 10 A, +12 V @ 4 A, +3.3 V @ 8 A, +5 Vsb @ 0.75 A, -12 V @ 1 A
	Type	Analog Resistive
	Light transmission	75%
	Controller	RS-232 interface (use COM4)
Certification	Durability	30 million touches
		CE, FCC, VCCI, BSMI approved
Environment		UL60950, UL60601-1, EN60950, EN60601-1 approved
	Temperature	0 ~ 40° C (32 ~ 104° F) (Operating)
	Humidity	10 ~ 95% @ 40° C (non-condensing)
	Shock Resistance	50G peak acceleration (11ms duration)
	Power MTBF	100,000 hrs
	Water/dust Resistance	IPX1 compliant,
Physical Characteristics	Front Panel	IP65/NEMA Compliant
	Dimensions (W x H x D)	418 x 342 x 115 (16.46" x 13.46" x 4.53")
	Weight	6.5 kg (14.33 lb)

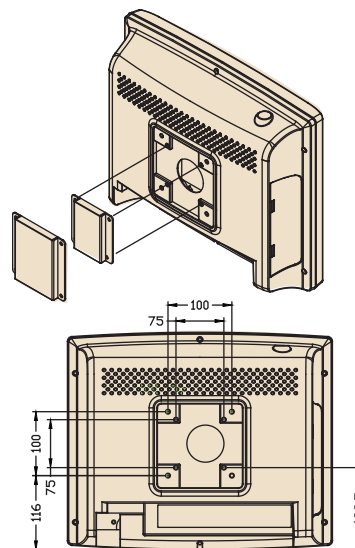
Dimensions

Unit: mm



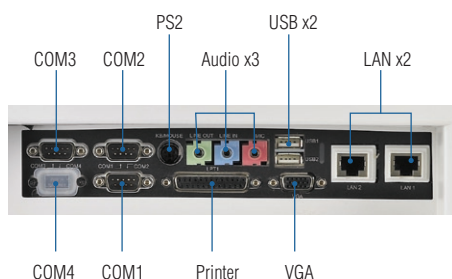
Mounting

Unit: mm



VESA: 75 x 75 mm, 100 x 100 mm

Rear I/O



Ordering Information

Part Number	Touch Panel	CPU	HDD 24 x 7	RAM
POC-154CD-AC-AE	-	-	-	-
POC-154CD-AC-ATE	Res.TS	-	-	-
POC-154CB-AC-AE	-	-	-	-
POC-154CB-AC-ATE	Res.TS	-	-	-
POC-154CD-PE	-	Intel Pentium 4 2.2 GHz	80 G IDE	1 GB
POC-154CD-PTE	Res.TS	Intel Pentium 4 2.2 GHz	80 G IDE	1 GB

Accessories

Part Number	Description
WLAN-325HUE	802.11 b Wireless PCMCIA LAN Card (Det. Ant.) for Europe
WLAN-325HAE	802.11 b Wireless PCMCIA LAN Card (Det. Ant.) for USA
POC-153 STAND	Stand for POC-154/POC-155
1702002600	Power Cable (USA) 1.83M
1702002605	Power Cable (Europe) 1.8M

Packing List

Part Description	Quantity
CABLE 6P-6P-6P PS/2 KB & MOUSE 20 cm	1
HEATSINK CPU NEW POC-174 A1	1
User Note VESA Mounting Screws POC-174	1
CD-ROM for POC-154 Driver & Utility	1
Advantech 2-year warranty card	1



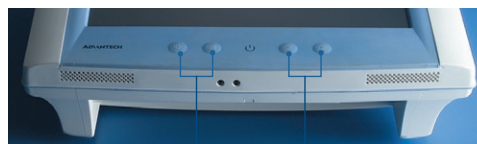
Spill & Dust Resistant

IP65 certified front panel; IPX1 certified enclosure



Design of side cover prevents unauthorized access to FDD, disk and water-splash

Optical Device
2 x PCMCIA
Floppy



Volume control Button Brightness Control Button

POC-125

12" Point-of-Care Terminal with Fanless Design



Features

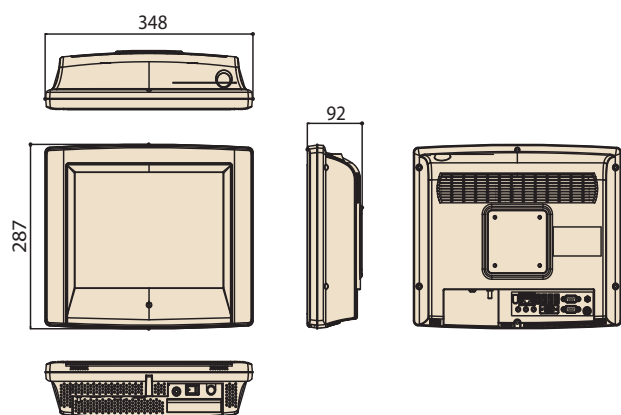
- 12.1" LCD display
- Fanless design with low audible noise
- Isolated design provides unique electric leakage protection for COM ports and LAN ports
- IPX1 water resistant enclosure with additional IP65 dust-tight front panel
- UL60601-1/EN60601-1, CE & FCC Class B certified
- Optional 802.11b/g WLAN module, touchscreen and Li-ion battery pack

Specifications

Computing System	Chipset	855GME GMCH/ICH4
	CPU	Intel Celeron M processor
	Front Side Bus	400 MHz
	Memory	DDR 333 SDRAM, 184 pin DIMM x 2 (max. 2 GB)
Graphics	Controller	855GME GMCH
Expansion Slot	Mini PCI	1 x Mini PCI slot, supports type IIIA Mini PCI
	PCI 2.2	1 x PCI 2.2, accepts low profile PCI Card
Storage	HDD	1 x 2.5" IDE
	CompactFlash	1 x Type I/II
Ethernet	Interface	1 x 10/100 Base-T Ethernet (isolated) interface (isolated)
I/O Ports		1 x RS-232 (isolated) and 1 x RS-232/422/485 (isolated) serial port; 4 x USB 2.0 ports; 1 x IEEE 1394a port 1 x PS/2 mouse and K/B; 1 x D-sub VGA port
Speakers		2 x 1 W speakers; 1 x MIC-in and 1 x Lin-in, 1 x Line-out
Display	Display type	12.1" TFT LCD.
	Max. Resolution	800 x 600
	Max. Colors	262,144 (6 bits/color)
	Dot size (mm)	0.307 x 0.307
	Viewing angle	140/110°
	Luminance	400 cd/m ²
	Contrast ratio	500 : 1
	LCD MTBF	50,000 hours
Power Supply	Backlight lifetime	50,000 hours at 6.5 mA
	Input voltage	10.8-26.4 Vdc, 2A max @ 24 Vdc
	AC/DC Adapter	SINPRO Model: MPU50-108
	Input voltage	100 ~ 240 V _{AC} , 47 ~ 63 Hz, 1.35A max
Optional Touch Screen	Output voltage	24 Vdc, 2.08A max (50 watt)
	Type	Analog Resistive
	Light transmission	75%
	Controller	RS-232 interface (use COM5)
Li-ion Battery (option)	Durability	30 million touches
	Cell Type	Samsung ICR 18650-24 (Total 3 cell, 3S)
	Typical Capacity	2280mAh
	Nominal Voltage	11.1 Vdc
	Supply Current	3A max.
	Weight	150g
	Cycle life	500 cycle rate charge and rates discharge
	Charge time (new battery)	7 hours to 100%
	Operating time	30 minutes at 2A output current

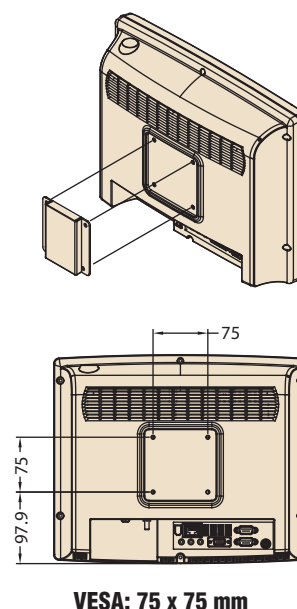
Dimensions

Unit: mm



Mounting

Unit: mm



VESA: 75 x 75 mm

Specifications Cont.

Environment	Temperature	0 ~ 40° C (32 ~ 104° F) (Operating)
	Humidity	10 ~ 95% @ 40° C (non-condensing)
	Shock Resistance	30G peak acceleration (11ms duration)
	Power MTBF	100,000 hrs
	Water/dust Resistance	IPX1 compliant
Physical Characteristics	Dimensions (W x H x D)	348 x 285 x 92 mm (13.70" x 11.22" x 3.62")
	Weight	4.5 kg (9.92 lb)

Ordering Information

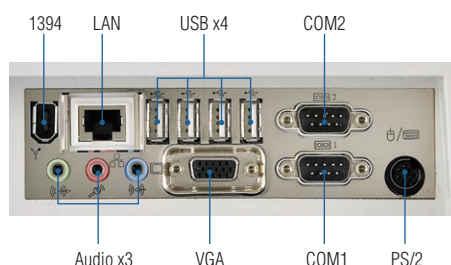
Part Number	Touch Panel	CPU	HDD 24 x 7	RAM
POC-125-060-AE	-	Intel Celeron M 600 MHz	-	-
POC-125-060-ATE	Res.TS	Intel Celeron M 600 MHz	-	-
POC-125-100-AE	-	Intel Celeron M 1 GHz	-	-
POC-125-100-ATE	Res.TS	Intel Celeron M 1 GHz	-	-
POC-125-CTE	Res.TS	Intel Celeron M 600 MHz	80 G IDE	1 GB

Accessories

Part Number	Description
POC-153 STAND	Stand for POC-154/POC-155/POC-125
1760000371	Battery pack for POC-125
1702002600	Power Cable (USA) 1.83M
1702002605	Power Cable (Europe) 1.8M
*	802.11b/g wireless LAN mini-PCI module & external antenna

* means this accessory will go with T Part Number. Please contact Advantech sales for more details.

Package List



Packing List

Part Description	Quantity
CABLE 6P-6P PS/2 KB & MOUSE 20 cm	1
AC 50W SPS MPU50-108 W/PFC 100-240V	1
HDD Frame PPC-V106 for 2.5" HDD	1
CD-ROM for POC-125 Driver & Utility	1
Advantech 2-year warranty card	1

POC-S196

19" Slim Point-of-Care Terminal with Intel® Core™ Duo Processor

NEW



Features

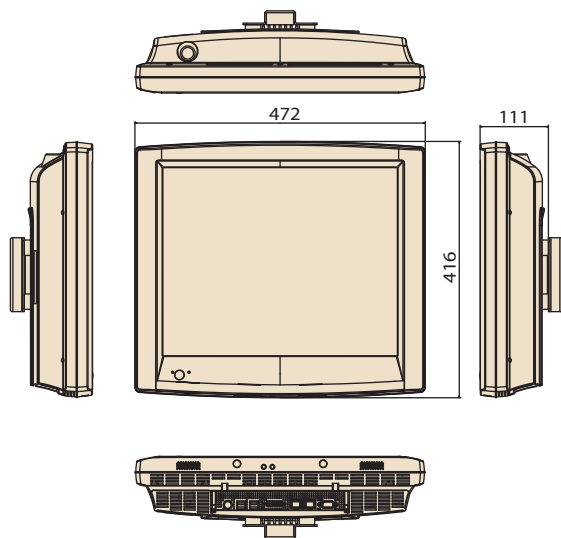
- 19" LCD display with 16.7 M colors
- Intel® Core™ Duo (low-power) processor
- Fanless design with low audible noise
- Isolated design provides unique electric leakage protection for COM ports and LAN ports
- IPX1 water resistant enclosure with additional IP65 dust-tight front panel
- UL60601-1/EN60601-1, CE & FCC Class B certified
- Optional 802.11b/g WLAN module and touchscreen

Specifications

Computing System	Chipset	Intel 945GME GMCH/ICH7M
	CPU	Intel Core Duo processor 1.66 GHz
	Front Side Bus	667 MHz
	Memory	Supports up to 4GB DDR2 533/667 Mhz SDRAM
Graphics	Controller	Intel 945GME integrated
	VRAM	Dynamic Video Memory Technology (DVMT) 3.0 to dynamically allocate up to 128 MB of system memory for graphics usage.
Expansion Slot	Mini PCI	1 x Mini PCI slot, supports type IIIA Mini PCI
	Mini PCI-E	1 x Mini PCI-E slot
Storage	HDD	1 x 2.5" SATA
Ethernet	Interface	2 x Gigabit Ethernet interface (RJ-45)
I/O Ports		1 x RS-232/422/485 (by jumper option, isolated) serial port; 4 x USB ports; 1 x DVI-I port
Speakers		2 x 1 W speakers; 1 x MIC-in and 1 x Line/Headphone Out
Display	Display type	19" TFT LCD.
	Max. Resolution	1280 x 1024
	Max. Colors	16.7M
	Dot size (mm)	0.294 x 0.294
	Viewing angle	178/178°
	Luminance	300 cd/m ²
	Contrast ratio	1300 : 1
	LCD MTBF	50,000 hours
Power Supply	Backlight lifetime	50,000 hours
		Universal AC/DC adapter (Sinpro Model no. MPU100-107)
	Input voltage	100 ~ 240 V _{AC} , 47 ~ 63 Hz, 1.25 ~ 0.5 A
Optional Touchscreen	Output voltage	+18 V _{DC} , 5.55 A max. (100 watts)
	Type	Analog Resistive
	Light transmission	75%
	Controller	RS-232 interface (use COM3)
Environment	Durability	30 million touches
	Temperature	0 ~ 40 °C (Operating)
	Humidity	10 ~ 95% @ 40 °C (non-condensing)
	Shock Resistance	20G peak acceleration (11ms duration)
Physical Characteristics	Water/dust Resistance	IPX1 for whole system
	Dimensions (W x H x D)	472 x 416 x 111 mm (18.58" x 16.38" x 4.37")
	Weight	10 kg (22.05 lb)

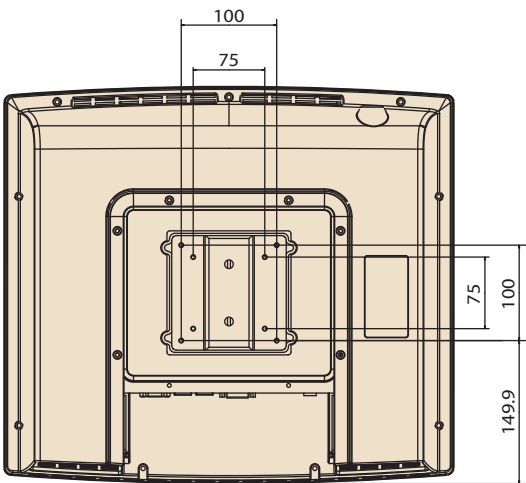
Dimensions

Unit: mm



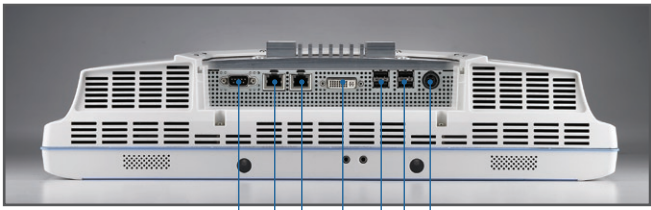
Mounting

Unit: mm



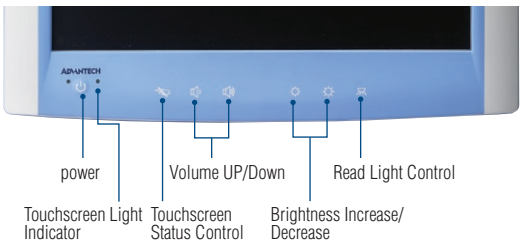
VESA: 75 x 75 mm ; 100 x 100 mm

I/O Drawing



1. 4 pins mini-DIN DC connector
2. USB 2.0 Ports x 2
3. USB 2.0 Ports x 2
4. DVI port
5. 10/100/1000 Base-T Ethernet interface (RJ-45)
6. 10/100/1000 Base-T Ethernet interface (RJ-45)
7. Isolated RS-232/422/485 COM port (By jump set)

Function keys



Ordering Information

Part Number	Touch Panel	HDD 24 x 7	RAM
POC-S196-166-AE	-	-	1 GB
POC-S196-166-ATE	Res.TS	-	1 GB

Packing List

Description	Quantity
AC 100W SPS MPU100-107 W/PFC 100-240	1
User manual for POC-S196 model 1st Ed	1
Advantech 2-year warranty card	1
Startup manual	1
CD-ROM for POC-S series Driver & Utility	1
China RoHs report	1

Accessories

Part Number	Description
1702002600	Power Cable (USA) 1.83M
1702002605	Power Cable (Europe) 1.8M
*	802.11b/g wireless LAN mini-PCI module & external antenna

*means this accessory will go with T Part Number. Please contact Advantech sales for more details.

POC-S195

**19" Slim Point-of-Care Terminal
with IP54 Standard Compliance**



Features

- 19" LCD display with 16.7 M colors
- Certified IP54 dust and water-splash proof enclosure with additional IP65 dust-tight front panel
- Fanless design with low audible noise
- Isolation design provides unique electric leakage protection for COM ports and LAN ports
- UL60601-1/EN60601-1, CE & FCC Class B certified
- Optional 802.11b/g WLAN module and touchscreen

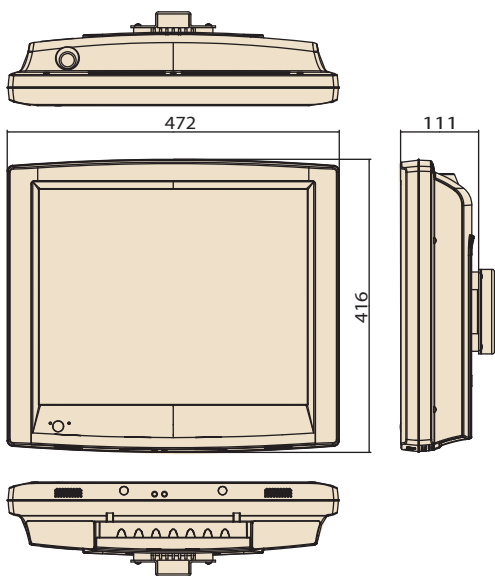


Specifications

Computing System	Chipset	Intel 855GME GMCH/ ICH4 Chipset
	CPU	Intel Pentium M processor ULV 1.4GHz / Celeron M processor 1.0 GHz
	Front Side Bus	400 MHz
	Memory	2 x 184-pin DIMM sockets, supports up to 2 GB DDR 200/266/333 SDRAM
Graphics	Controller	Intel 855GME integrated
	VRAM	Dynamically shared system memory up to 64 MB
Expansion Slot	Mini PCI	1 x Mini PCI slot, supports type IIIA Mini PCI
Storage	HDD	1 x 2.5" IDE
	CompactFlash	1 x Type I/II
Ethernet	Interface	1 x 10/100Base-T Ethernet interface (RJ-45)
I/O Ports		1 x RS-232 and 1 x RS-232/422/485 (isolated) serial port; 2 x USB ports; 1 x PS/2 mouse and K/B;
Speakers		1 x D-sub VGA port
		2 x 1 W speakers; 1 x MIC-in and Speaker-out
Display	Display type	19" TFT LCD
	Max. Resolution	1280 x 1024
	Max. Colors	16.7M
	Dot size (mm)	0.294 x 0.294
	Viewing angle	178°
	Luminance	300 cd/m2
	Contrast ratio	1300 : 1
	LCD MTBF	50,000 hours
	Backlight lifetime	50,000 hours
Power Supply		Universal AC/DC adapter (Sinpro Model no. MPU100-108)
	Input voltage	100 ~ 240 V _{AC} , 47 ~ 63 Hz, 1.25 ~ 0.5 A
	Output voltage	+24 V _{DC} , 4.16 A max. (100 watts)
Optional Touchscreen	Type	Analog Resistive
	Light transmission	75%
	Controller	RS-232 interface (use COM4)
	Durability	30 million touches
Environment	Temperature	0 ~ 35° C (Operating)
	Humidity	10 ~ 95% @ 40° C (non-condensing)
	Shock Resistance	20G peak acceleration (11ms duration)
	Water/dust Resistance	IP54 for whole system, IP65 for front bezel
Physical Characteristics	Dimensions (W x H x D)	472 x 416 x 111 mm (18.58" x 16.38" x 4.37")
	Weight	10 kg (22.05 lb)
	Power Supply Input	10.8 ~ 26.4 V DC, 3 A max. @ 24 V DC (w/o battery)

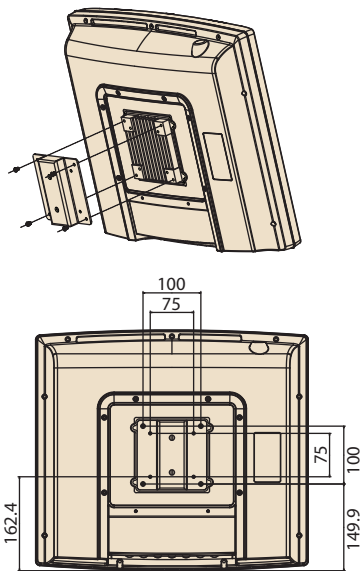
Dimensions

Unit: mm

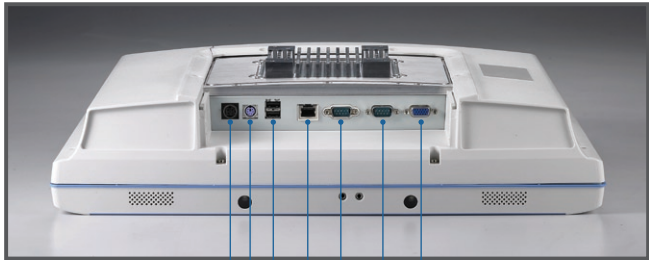


Mounting

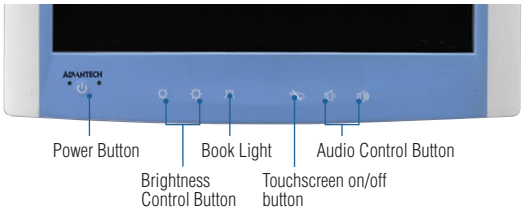
Unit: mm



VESA: 75 x 75 mm ; 100 x 100 mm



- 1. 4-pin mini-DIN DC connector
- 2. PS/2 Mouse/Keyboard Port
- 3. USB 2.0 Ports x 2
- 4. 10/100Base-T Ethernet interface (RJ-45)
- 5. Isolated RS-232/422/485 COM port (COM1)
- 6. RS-232 COM port (COM2)
- 7. D-sub VGA port



Ordering Information

Part Number	Touch Panel	HDD 24 x 7	RAM
POC-S195-140-BE	-	-	-
POC-S195-140-BTE	Res.TS	-	-
POC-S195-PTE	Res.TS	80 G IDE	1 GB

Packing List

Description	Quantity
Startup manual	1
PS/2 keyboard & mouse splitter cable	1
M4 x 20 screw set for VESA mounting	4
AC 100W SPS MPU100-108 W/PFC 100-240	1
CD-ROM for POC-S Driver & Utility HDD Frame	1
2.5" HDD mounting bracket	1
Fix bracket for HDD mounting bracket	2
Rubber Cushion for HDD anti-vibration	8
M3 x 4 screw set to mount HDD bracket	8
Advantech 2-year warranty card	1

Accessories

Part Number	Description
1702002600	Power Cable (USA) 1.83M
1702002605	Power Cable (Europe) 1.8M
*	802.11b/g wireless LAN mini-PCI module & external antenna

*means this accessory will go with T Part Number. Please contact Advantech sales for more details.

POC-S175

Slim Point-of-Care Terminal with 17" TFT LCD



Features

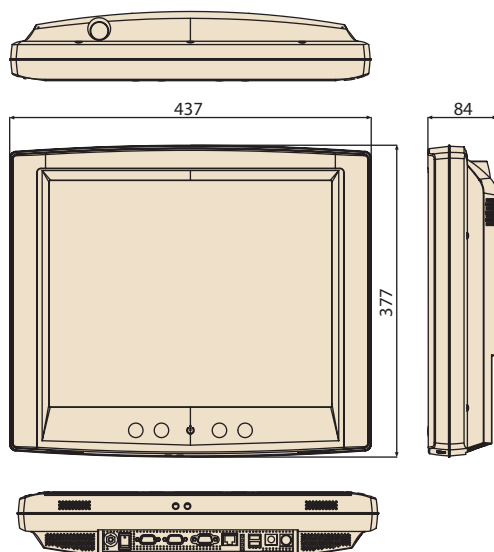
- 17" LCD display with 16.2 M colors
- Fanless design with low audible noise
- IPX1 water resistant enclosure with additional IP65 dust-tight front panel
- Isolated design provides unique electric leakage protection for COM ports and LAN ports
- UL60601-1/EN60601-1, CE & FCC Class B certified
- Optional 802.11b/g WLAN module, touchscreen, 4400 mAh Li-ion battery pack

Specifications

Computing System	Chipset	855GME GMCH/ICH4 Chipset
	CPU	Intel Pentium M processor ULV 1.4GHz / Celeron M processor 1.0 GHz
	Front Side Bus	400 MHz
	Memory	2 x 184-pin DIMM sockets, supports up to 2 GB DDR200/266/333 SDRAM
Graphics	Controller	Intel 855GME integrated
	VRAM	Dynamically shared system memory up to 64MB
Expansion Slot	Mini PCI	1 x Mini PCI slot, supports type IIIA Mini PCI
Storage	HDD	1 x 2.5" IDE
	CompactFlash	1 x Type I/II x 1
Ethernet	Interface	1 x 10/100Base-T Ethernet interface (RJ-45)
I/O Ports		1 x RS-232 and 1 x RS-232/422/485 (isolated) serial port; 2 x USB ports; 1 x PS/2 mouse and K/B;
Speakers		1 x D-sub VGA port
Display		2 x 1 W speakers; 1 x MIC-in and Speaker-out
	Display type	17" TFT color LCD
	Max. Resolution	1280 x 1024
	Max. Colors	16.7 M
	Dot size (mm)	0.264 x 0.264
	Viewing angle	160°
	Luminance	300 cd/m ²
	Contrast ratio	800:1
Optional Touchscreen	LCD MTBF	50,000 hours
	Backlight lifetime	50,000 hours
	Type	Analog Resistive
	Light transmission	75%
Power Supply	Controller	RS-232 interface (uses COM4)
	Durability	30 million touches
		External universal AC/DC adapter (XPiQ Model no. PCM80PS24)
Environment	Input voltage	100 ~ 240 V AC, 47 ~ 63 Hz, 1.1 ~ 0.45 A
	Output voltage	24 V DC, 3.33 A max. (80 watt)
	Temperature	0 ~ 40° C
	Humidity	10 ~ 95% @ 40° C (non-condensing)
Physical Characteristics	Shock Resistance	20 G peak acceleration (11ms duration)
	Water/dust Resistance	IPX1 for whole system
	Dimensions (W x H x D)	437 x 377 x 84 mm (17.2" x 14.84" x 3.3")
	Weight	7.2 kg (15.87 lb)
	Power Supply	Input: 10.8 ~ 26.4 V DC, 2.3 A max. @ 24 V DC (w/o battery)

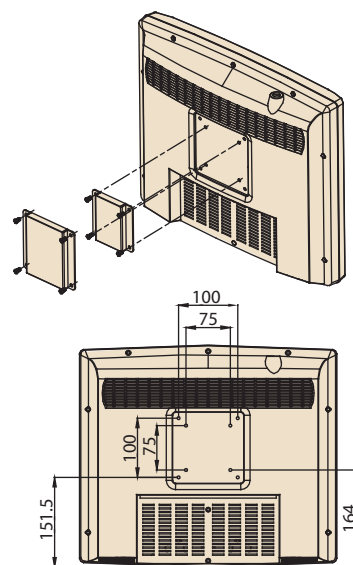
Dimensions

Unit: mm



Mounting

Unit: mm



VESA: 75 x 75 mm ; 100 x 100 mm



1. 4-pin mini-DIN DC connector
2. PS/2 Mouse/Keyboard Port
3. USB 2.0 Ports x 2
4. 10/100Base-T Ethernet interface (RJ-45)
5. Isolated RS-232/422/485 COM port (COM1)
6. RS-232 COM port (COM2)
7. D-sub VGA port

Accessories

Part Number	Description
1760000372	4400 mAh Li-ion battery pack
1702002600	Power Cable (USA) 1.83M
1702002605	Power Cable (Europe) 1.8M
*	802.11b/g wireless LAN mini-PCI module & external antenna

*means this accessory will go with T Part Number. Please contact Advantech sales for more details.

Ordering Information

Part Number	Touch Panel	HDD 24 x 7	RAM
POC-S175-140-BTE	Res.TS	-	-
POC-S175-140-BE	-	-	-
POC-S175-100-BTE	Res.TS	-	-
POC-S175-100-BE	-	-	-
POC-S175-PTE	Res.TS	80 G IDE	1 G

Packing List

Description	Quantity
PS/2 keyboard & mouse splitter cable	1
M4 x 20 screw set for VESA mounting	4
AC 80W XPIQ PCM80PS24 W/PFC 100-240V	1
CD-ROM for POC-S155 Driver & Utility V1.0	1
HDD Frame	1
2.5" HDD mounting bracket	1
Fix bracket for HDD mounting bracket	2
Rubber Cushion for HDD anti-vibration	8
M3 x 4 screw set to mount HDD bracket	8
Startup manual	1
Advantech 2-year warranty card	1

POC-S155

Slim Point-of-Care Terminal with 15" TFT LCD



Features

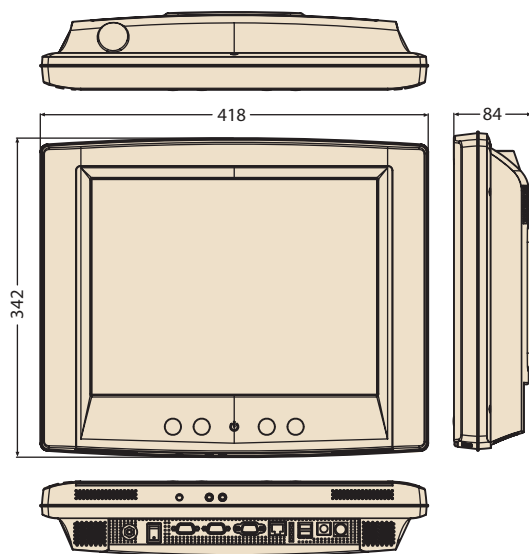
- 15" LCD display
- Fanless design with low audible noise
- Isolated design provides unique electric leakage protection for COM ports and LAN ports
- IPX1 water resistant enclosure with additional IP65 dust-tight front panel
- UL60601-1/EN60601-1, CE & FCC Class B certified
- Optional 802.11b/g WLAN module, touchscreen, 4400 mAh Li-ion battery pack

Specifications

Computing System	Chipset	855GME GMCH/ICH4 Chipset
	CPU	Intel Pentium M processor ULV 1.4 GHz / Celeron M processor 1.0 GHz
	Front Side Bus	400 MHz
	Memory	2 x 184-pin DIMM sockets, supports up to 2 GB DDR200/266/333 SDRAM
Graphics	Controller	Intel 855GME integrated
	VRAM	Dynamically shared system memory up to 64 MB
Expansion Slot	Mini PCI	1 x Mini PCI slot, supports type IIIA Mini PCI
Storage	HDD	1 x 2.5" IDE
	CompactFlash	1 x Type I/II x 1
Ethernet	Interface	1 x 10/100Base-T Ethernet interface (RJ-45)
I/O Ports		1 x RS-232 and 1 x RS-232/422/485 (isolated) serial port; 2 x USB ports; 1 x PS/2 mouse and K/B;
Speakers		1 x D-sub VGA port
Display		2 x 1 W speakers; 1 x MIC-in and Speaker-out
	Display type	15" TFT color LCD
	Max. Resolution	1024 x 768
	Max. Colors	262K (6 bits/color)
	Dot size (mm)	0.297 x 0.297
	Viewing angle	120°
	Luminance	350 cd/m ²
	Contrast ratio	500:1
Optional Touchscreen	LCD MTBF	50,000 hours
	Backlight lifetime	50,000 hours at 6.5 mA
	Type	Analog Resistive
	Light transmission	75%
Power Supply	Controller	RS-232 interface (use COM4)
	Durability	30 million touches
		External universal AC/DC Adapter (SINPRO Model No. MPU50-108)
Environment	Input voltage	100 ~ 240 V AC, 47 ~ 63 Hz, 1.35 A max.
	Output voltage	24 V DC, 2.08 A max. (50 watt)
	Temperature	0 ~ 40° C
	Humidity	10 ~ 95% @ 40° C (non-condensing)
Physical Characteristics	Shock Resistance	20 G peak acceleration (11ms duration)
	Water/dust Resistance	IPX1 for whole system
	Dimensions (W x H x D)	418 x 342 x 84 mm (16.46" x 13.46" x 3.4")
	Weight (with battery)	6 Kg (13.23 lb)
	Power Supply	Input: 10.8 ~ 26.4 V DC, 1.5 A max. @ 24 V DC. (w/o battery)

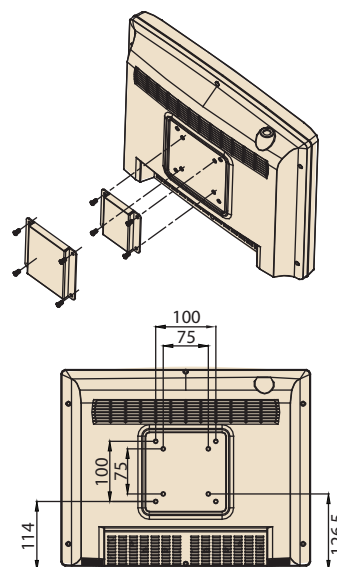
Dimensions

Unit: mm

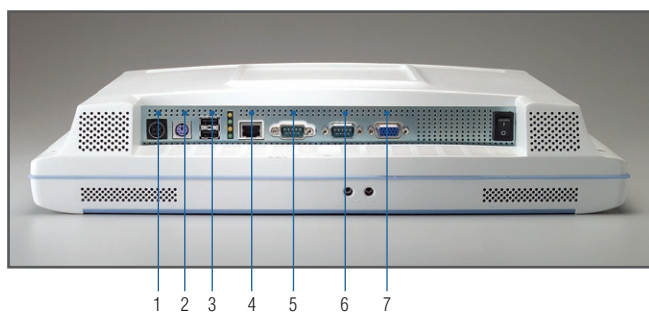


Mounting

Unit: mm



VESA: 75 x 75 mm ; 100 x 100 mm



1. 4-pin mini-DIN DC connector
2. PS/2 Mouse/Keyboard Port
3. USB 2.0 Ports x 2
4. 10/100Base-T Ethernet interface (RJ-45)
5. Isolated RS-232/422/485 COM port (COM1)
6. RS-232 COM port (COM2)
7. D-sub VGA port

Accessories

Part Number	Description
1760000372	4400 mAh Li-ion battery pack
1702002600	Power Cable (USA) 1.83M
1702002605	Power Cable (Europe) 1.8M
*	802.11b/g wireless LAN mini-PCI module & external antenna

*means this accessory will go with T Part Number. Please contact Advantech sales for more details.

Ordering Information

Part Number	Touch Panel	HDD 24 x 7	RAM
POC-S155-140-BTE	Res.TS	-	-
POC-S155-140-BE	-	-	-
POC-S155-100-BTE	Res.TS	-	-
POC-S155-100-BE	-	-	-
POC-S155-PTE	Res.TS	80 G IDE	1 G

Packing List

Description	Quantity
PS/2 keyboard & mouse splitter cable	1
Startup manual	1
M4 x 20 screw set for VESA mounting	4
AC 50W SPS MPU50-108 W/PFC 100-240V	1
CD-ROM for POC-S155 Driver & Utility V1.0	1
HDD Frame	1
2.5" HDD mounting bracket	1
Fix bracket for HDD mounting bracket	2
Rubber Cushion for HDD anti-vibration	8
M3 x 4 screw set to mount HDD bracket	8
Advantech 2-year warranty card	1

MT-100

10"4 Fanless and Lightweight Mobile Tablet



Features

- 10.4" LCD display with touchscreen
- Portability and convenience with light weight
- Compact and fanless design
- Certified IP54 dust and water-splash proof enclosure
- UL60601-1/EN60601-1, CE & FCC Class B certified
- Built-in 802.11 b/g wireless LAN
- Optional bluetooth, cradle, trim knob, and smart card reader
- Ideal for mobile healthcare

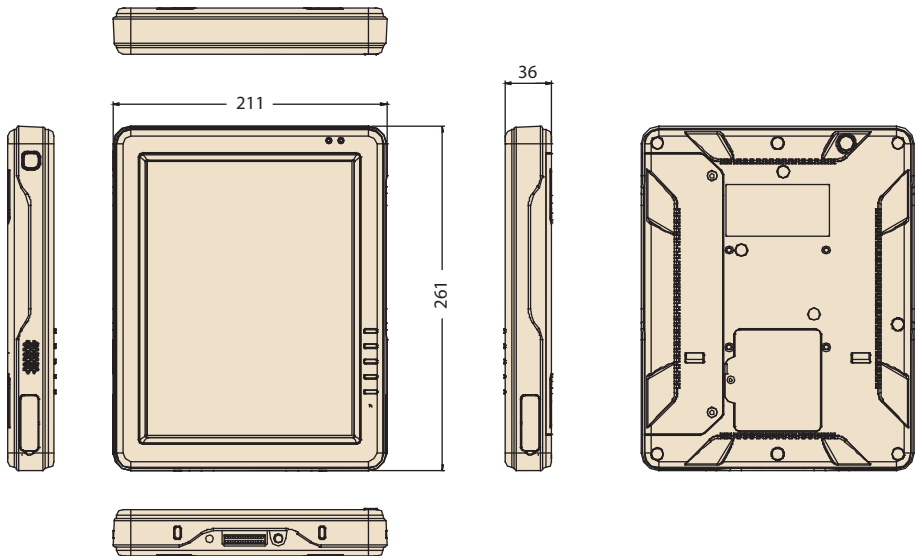


Specifications

Computing System	Chipset	AMD Geode LX 800 & CS5536	
	CPU	AMD Geode LX 800	
	Front Side Bus	500 MHz	
	Memory	DDR 400 Unbuffered Non ECC x 1 Max 1 GB	
Graphics	Controller	AMD Geode LX 800	
Expansion Slot	Mini PCI	1 x Mini PCI slot, supports type IIIA Mini PCI	
Storage	HDD	1 x 1.8" IDE	
	CompactFlash	1 x Type I/II (Optional with installation of 1.8" HDD)	
WLAN	Interface	1 x IEEE 802.11 b/g	
I/O Ports		2 x USB ports; 1 x DC in; 1 x Docking connector	
Audio		1 x Speaker; 1 x Microphone	
Display		MT-100-AE	MT-100-TE
	Display type	10.4" TFT LCD.	10.4" TFT LCD.
	Max. Resolution	800W x 600H	1024W x 768H
	Max. Colors	262K (R, G, B x 3) x 600H	256K (R, G, B 6bit/color)
	Dot size (mm)	0.264 x 0.264	0.2055W x 0.2055H
	Viewing angle	60/60/35/65 (L/R/U/D)	90/90/50/50 (L/R/U/D)
	Luminance	230 cd/m ²	170 cd/m ²
	Contrast ratio	500 : 1	250 : 1
	LCD MTBF	50,000 hours	50,000 hours
Power Supply	Backlight lifetime	50,000 hours at 6.5mA	50,000 hours at 6.5mA
	AC/DC Adapter	Universal AC/DC adapter (Sinpro Model no. MPU100-106)	
	Input voltage	100 - 240 V _{AC} , 47 - 63 Hz, 1.25 - 0.5 A	
	Output voltage	+15 V _{DC} , 6.66A max. (100 watts)	
Touchscreen	Safety	UL60601-1/EN60601-1, CE, CB certified	
	Type	Analog Resistive	
	Light transmission	75%	
	Controller	USB interface	
Environment	Durability	30 million touches	
	Temperature	0 ~ 40° C (Operating)	
	Humidity	10 ~ 95% @ 40° C (non-condensing)	
	Shock Resistance	30 G peak acceleration (11ms duration)	
Physical Characteristics	Water/dust Resistance	IP54 for whole system	
	Dimensions (W x H x D)	261 x 211 x 36 mm (10.27" x 8.3" x 1.42")	
	Weight	2 kg (4.41 lb)	
Optional Items	Cradle	4 x USB ports; 1 x VGB port; 1 x Gigabit LAN port; 1 x RS-232 (isolated) COM port; 1 x RS-232 COM port, 1 x DC in; 1 x Docking connector, 1 x Smart Card Reader	
	Battery Pack	MT-BATE 4800mAh	
	Trim Knob	Trim Knob (USB interface)	
	Bluetooth	Bluetooth module	

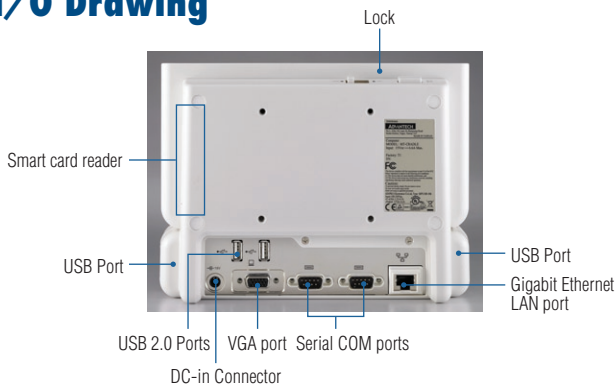
Dimensions

Unit: mm



VESA Mount 75 x 75 mm

I/O Drawing



IP54 Enclosed System

Function keys



A: Power Button
C: 1. Battery LED
2. Power LED

D: 1. Up key
2. down key
3. Keyboard on screen
4. Screen rotation
5. Touchscreen on/off

Accessories

Part Number	Description
MT-CRADLE	Cradle (USB x 2, VGA, COM x 2, Gigabit LAN)
1757001658	AC Adapter MPU100-106 15Vdc
1702002600	Power Cable (USA) 1.83M
1702002605	Power Cable (Europe) 1.8M
*	BlueTooth module
*	Trim Knob
*	Battery pack of MT-100

*means this accessory will go with T Part Number. Please contact Advantech sales for more details.

Ordering Information

Part Number	LCD Panel	HDD	RAM
MT-100-AE	800 x 600	60 GB IDE	512 MB
MT-100-TE	1024 x 768	60 GB IDE	1 GB

PIN-M106

Medical Mini PC



Features

- Intel 945GME platform
- Compact housing for limited space
- Fanless design with low audible noise
- Dual display up to the resolution of 1600 x 1200
- Isolated design provides unique electric leakage protection for COM ports and LAN ports
- UL60601-1/EN60601-1, CE & FCC Class B certified
- IPX1 water resistant enclosure
- Built - in bNAND Flash module (optional)

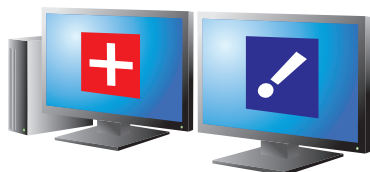


Specifications

Computing System	Chipset	Intel 945GME/ICH7M Chipset
	CPU	Intel Celeron M processor ULV 1.06 GHz
	Front Side Bus	533 MHz FSB
	Memory	2 x SODIMM sockets, Supports up to 4 GB DDR2 533 DRAM
Expansion Slot	Mini PCI	1 x Mini PCI slot, supports type IIIA Mini PCI
	Mini PCI-e	1 x Mini PCI-e slot
Storage	HDD	1 x 2.5" SATA
Ethernet	Interface	3 x Gigabit LAN (RJ-45)
I/O Ports		2 x RS-232; 4 x USB ports; 1 x DVI-I port, 1 x DVI-D port; MIC-in, Line-out jack
Integrated Graphic Chip	Controller	Intel 945GME integrated, GMA 950
	VRAM	Dynamic Video Memory Technology (DVT) 3.0 supports up to 224 MB of video memory
	Max. Resolution (per display)	1600 x 1200 at 60Hz
	Video Out	Supports 24-bit digital output (DVI port x 2)
Power Supply	Universal AC/DC adapter	Sinpro Model no. MPU100-107 Input: +18 V _{DC} , 5.55 A max (100 Watts)
	Optional	XPiQ Model no. PCM80PS18 Input: +18 V _{DC} , 4.44 A max (80 Watts)
Environment	Temperature	0 ~ 40° C (Operating)
	Humidity	10 ~ 95% @ 40° C (non-condensing)
	Shock Resistance	20 G peak acceleration (11ms duration)
	Water/dust Resistance	IPX1 for whole system
Physical Characteristics	Dimensions (W x H x D)	261 x 185 x 67 mm (10.27" x 7.26" x 2.63")
	Weight	4.0 kg (8.82 lb)

Dual Display Support

Independent Model



Extended Model



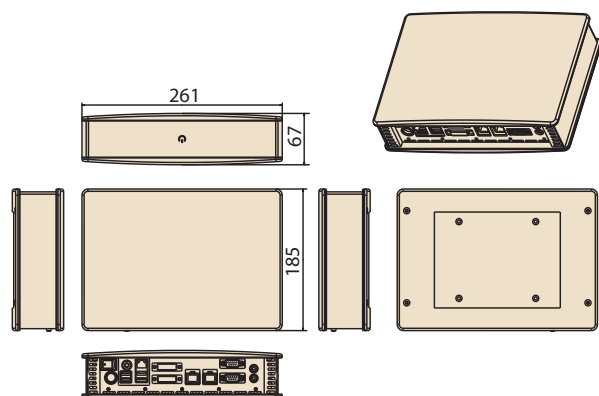
Mirror Model



Maximum Resolution: Up to 1600 x 1200

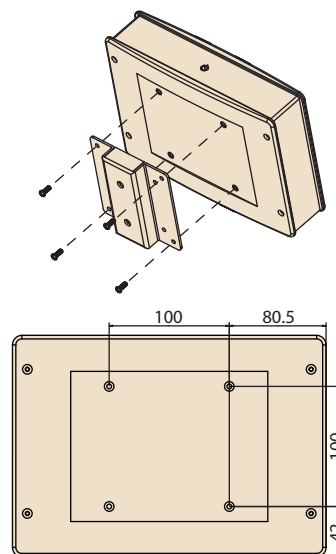
Dimensions

Unit: mm



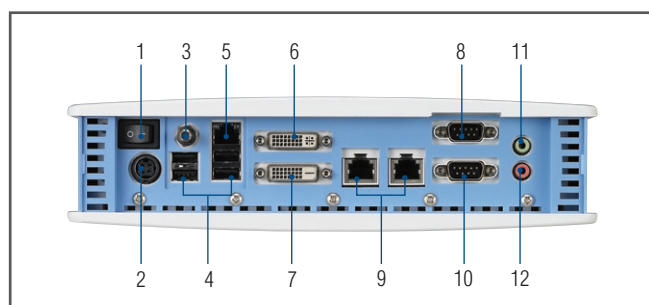
Mounting

Unit: mm



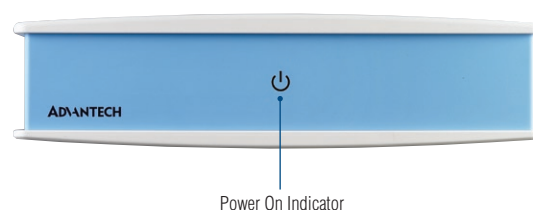
VESA: 100 x 100 mm

I/O Drawing



- | | |
|--------------------------|-------------------------------------|
| 1. On/Off key | 7. DVI-D port |
| 2. DC jack | 8. Isolated RS-232 COM port (COM2) |
| 3. Ground pin | 9. Isolated RJ-45 Gigabit LAN Port |
| 4. USB 2.0 Ports | 10. Isolated RS-232 COM port (COM1) |
| 5. RJ45 Gigabit LAN port | 11. Line Out |
| 6. DVI-I port | 12. Microphone-in |

Function keys



Power On Indicator

Ordering Information

Part Number	HDD 24 x 7	RAM
PIN-M106-100-AE	-	1 GB
PIN-M106-141-AE	40 G SATA	1 GB

Packing List

Description	Quantity
AC 100W SPS MPU100-107 W/PFC 100-240	1
Startup manual	1
Advantech 2-year warranty card	1
CD-ROM for Driver & Utility	1
China RoHs report & Manual	1
HDD Mounting Accessories	1

Accessories

Part Number	Description
1702002600	Power Cable (USA) 1.83M
1702002605	Power Cable (Europe) 1.8M
*	802.11 b/g wireless LAN module

*means this accessory will go with T Part Number. Please contact Advantech sales for more details.

PDC-190

19" Medical Display with IP65 Front Panel

NEW



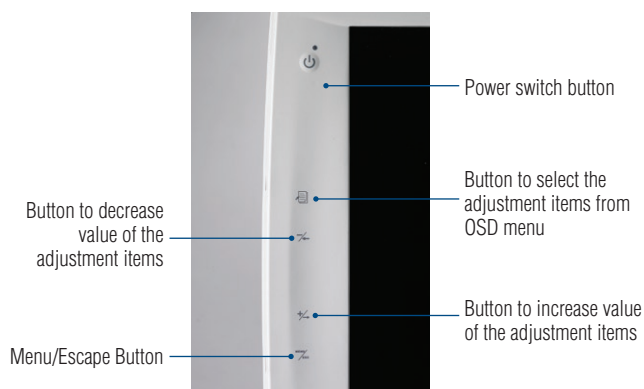
Features

- 19" LCD display
- DICOM preset function
- IPX1 water resistant enclosure with additional IP65 dust-tight front panel
- High brightness and contrast ratio
- USB 2.0 hub function
- UL60601-1/EN60601-1, CE & FCC Class B certified



Specifications

Display	Display type	19" TFT LCD
	Max. Resolution	1280 x 1024
	Max. Colors	16.7M
	Dot size (mm)	0.294 x 0.294
	Viewing angle	170/170°
	Luminance	600 cd/m ² (DICOM preset at 400 cd/m ²)
	Contrast ratio	1000 : 1
	LCD MTBF	50,000 hours
I/O Ports	Backlight lifetime	50,000 hours
		VGA x 1, DVI-D x 1, Line-in x 1, USB type A x 2, USB type B x 1, DC power connector
Speakers		1 W speakers x 2
Power Supply		Universal AC/DC adapter (SINPRO model no. MPU100-105)
	Input voltage	100 ~ 240 V _{AC} , 47 ~ 63 Hz
	Output voltage	+12 V _{DC} , 8A max. (100 watts)
Optional Touchscreen	Type	Analog Resistive
	Light transmission	75%
	Controller	USB interface
	Durability	30 million touches
Environment	Temperature	0 ~ 40 °C (Operating)
	Humidity	10 ~ 95% @ 40 °C (non-condensing)
	Vibration /Shock Resistance	5 ~ 500 Hz, 1G acceleration/30G half sine, 11 msec duration
	Water/Dust Resistance	IPX1 for whole system
Physical Characteristics	Dimensions (W x H x D)	472 x 416 x 104 mm (18.56" x 16.38" x 4.13")
	Weight	6.5 kg (14.32 lb)



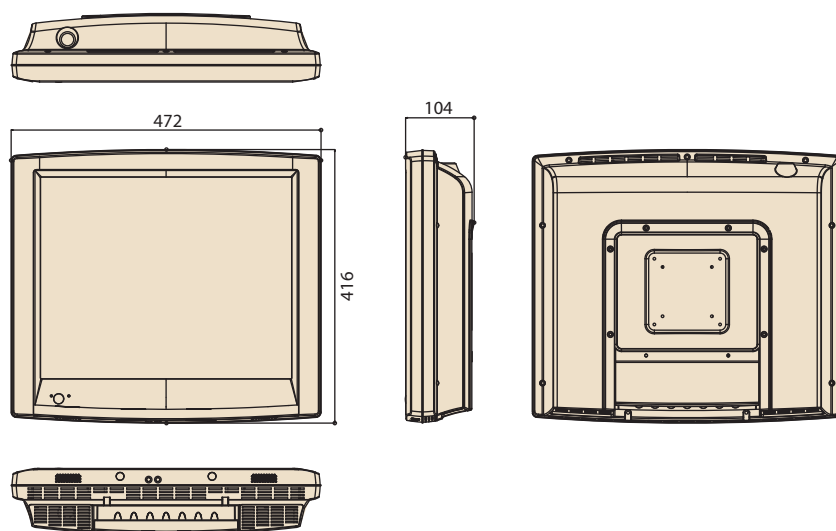
Optional height and angle adjustable stand



Portrait Mode

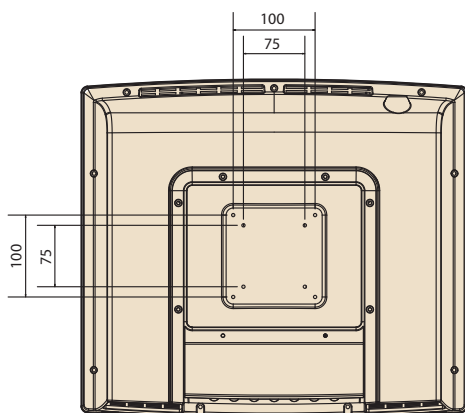
Dimensions

Unit: mm

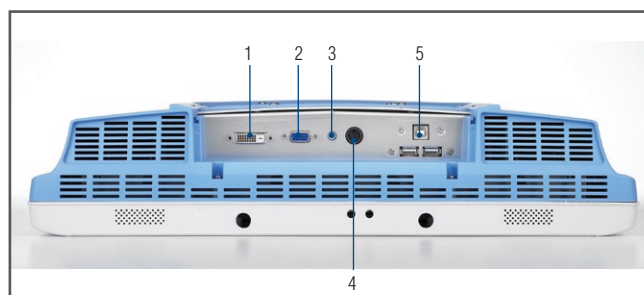


Mounting

Unit: mm



VESA: 75 x 75 mm ; 100 x 100 mm



1. Digital Video port (DVI-D)
2. Analog Video port (D-Sub VGA)
3. Audio Line in Port (Ø3.6 mm)
4. 4-pin mini-DIN DC connector
(Pin 1/2: +12V DC, Pin 3/4: signal ground)
5. USB 2.0 Upstream Port x 1 (Type B);
Downstream Ports x 2 (Type A)

Ordering Information

Part Number	Touch Panel	AR Glass
PDC-190E	-	YES
PDC-190-TE	RES.TS	-

Accessories

Part Number	Description
PDC-190-STAND	Stand for PDC-190 Medical Display
*	Trim Knob for PDC-190 via USB

*means this accessory will go with T Part Number. Please contact Advantech sales for more details.

Packing List

Description	Quantity
AC 100W SPS MPU100-105 W/PFC 100-240	1
Audio Cable, 1.5M	1
DVI-D Cable, 2M	1
USB Cable, 1.8M	1
D-Sub VGA cable, 1.8M	1
Advantech 2-year warranty card	1
CD-ROM for PDC-190 series Driver & Utility	1
Start up manual	1
China RoHs report	1
User manual for PDC-190, 1st Ed	1

* Please note power code is NOT included in the packing list.

PDC-170

17" Medical Display Console



Features

- 17" LCD display
- IPX1 water resistant enclosure with additional IP65 dust-tight front panel
- USB 2.0 hub function
- UL60601-1/EN60601-1, CE & FCC Class B certified
- Optional Trim Knob and S-Video / Component Video

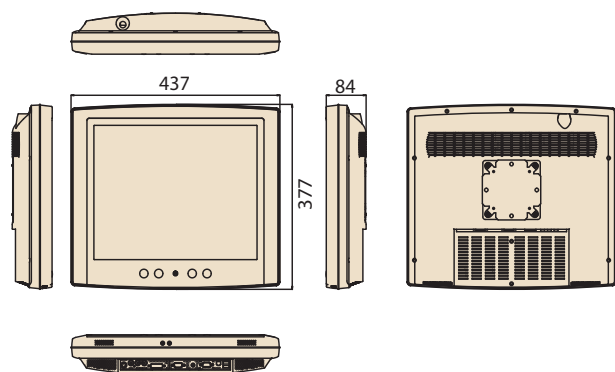


Specifications

Display	Display type	17" TFT LCD
	Max. Resolution	1280 x 1024
	Max. Colors	16.2 M (6 Bits + FRC)
	Dot size (mm)	0.264 x 0.264
	Viewing angle	160/160°
	Luminance	300 cd/m ²
	Contrast ratio	800 : 1
	LCD MTBF	50,000 hours
I/O Ports	Backlight lifetime	50,000 hours
		VGA x 1, DVI-D x 1, Line-in x 1, USB type A x 2, USB type B x 1
Speakers		* Additional features for PDC-170-TE: RS-232 port x1
		* Additional features for PDC-170S-TE: RS-232 port x 1, Y/C (S-video) x 1, Component (YPrPb) x 1
Power Supply		1 W speakers x 2
		Universal AC/DC adapter (SINPRO model no. MPU50-108)
	Input voltage	100 ~ 240 V _{AC} , 47 ~ 63 Hz
Optional Touchscreen	Output voltage	+12 V _{DC} , 3.75A max. (45 watts)
	Type	Analog Resistive
	Resolution	Continuous
	Light transmission	75%
	Controller	RS-232 interface
Environment	Durability	30 million touches
	Temperature	0 ~ 40° C (Operating)
	Humidity	10 ~ 95% @ 40° C (non-condensing)
	Vibration/Shock Resistance	5 ~ 500 Hz, 1G acceleration/20G half sine, 11 msec duration
Physical Characteristics	Water/dust Resistance	IPX1 for whole system
	Dimensions (W x H x D)	437 x 377 x 84 mm (17.18" x 14.82" x 3.29")
	Weight	6.4kg (14.11 lb)

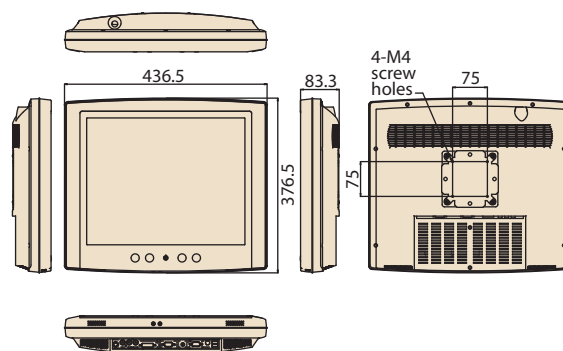
Dimensions

Unit: mm

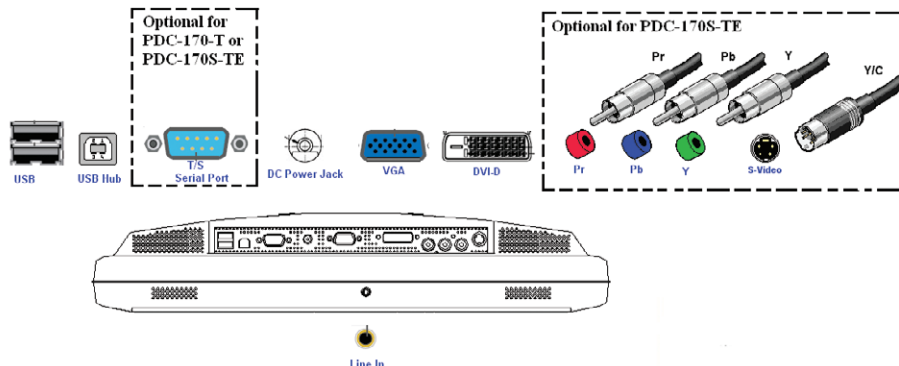


Mounting

Unit: mm



VESA: 75 x 75 mm



Ordering Information

Part Number	Touch Panel	S-Video / YPrPb
PDC-170E	-	-
PDC-170-TE	RES.TS	-
PDC-170S-TE	RES.TS	YES

Packing List

Description	Quantity
EMI core for power cord & RS-232 port	2
AC 45W SPS MPU50-108 W/PFC 100-240	1
Audio Cable, 1.5M	1
DVI-D Cable, 2M	1
USB Cable, 1.8M	1
D-Sub VGA cable, 1.8M	1
Advantech 2-year warranty card	1
Startup manual	1
CD-ROM for PDC-170 series Driver & Utility	1
China RoHs report	1
User manual for PDC-170, 1st Ed	1
RS-232 cable for T/S model	1

* Please note power code is NOT included in the packing list.

Accessories

Part Number	Description
Trim knob	Trim Knob for PDC-170 via USB

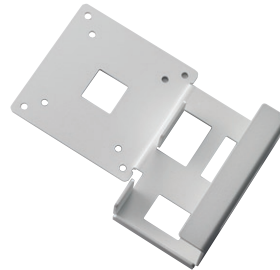
Accessories



1760000372

Battery pack for POC-S155 and POC-S175

- 11.1 V 4400 mAh 3S2P



POC-S175POW-ERBKTE

Power adapter bracket for POC-S155 and POC-S175



POC-153 STAND

Desktop stand of POC-154, POC-155 and POC-S155



PDC-190-STAND

Desktop stand for PDC-170, PDC-190, POC-154, POC-155, POC-174, POC-175, POC-S155 and POC-S175



1702002600

Power Cable USA 125V 10A 1.83M

1702002605

Power Cable EUROPEAN 250V/6A 1.8M



9680002042

PUR MINIPCI type3B 802.11b/g QCOM Q802MKG2

9689015300

WLAN Antenna

1997153230

Antenna Ring

1703000350

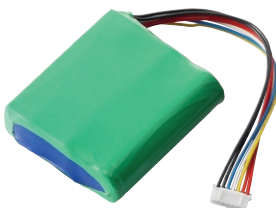
Cable for WLAN Card 35CM

1993000960

Wire mount

Rear Cover

This rear cover will be modified upon request. Please contact Advantech sales for more detail.



1760000371

Battery pack for POC-125

- 11.1 V 2200 mAh 3S1P