

POC-196

19" Point-of-Care Terminal Featuring Intel® Core™ 2 Duo Processor



Features

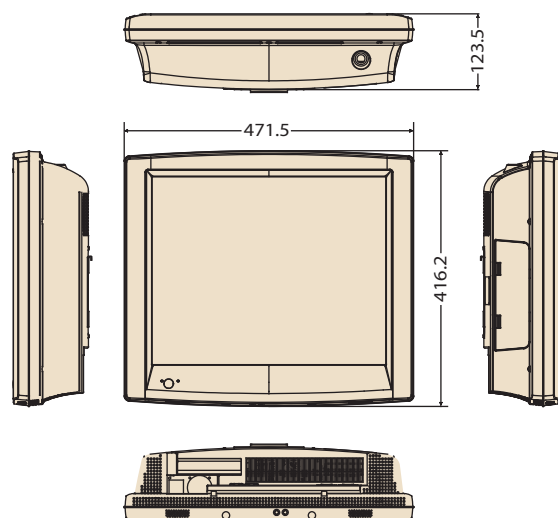
- 19" LCD display
- Spill and dust resistant (IPX1)
- UL60601-1/EN60601-1, CE & FCC Class B certified
- Smart card reader built-in
- 800 MB High speed IEEE 1394b interface
- Optional 802.11 b/g/n or 802.11 a/b/g/n module

Specifications

Computing System	Chipset	945GME/ ICH7M Chipset
	CPU	Intel Core 2 Duo processor T7400 or Intel® Celeron® M 440 processor (2.16 GHz 667 MHz 4 MB Unified 34 watts 1.1625 V-1.3 V 100° C 478μFC-PGA)
	Front Side Bus	667 MHz
	Memory	DDR2 533/667 Unbuffered Non ECC SODIMM sockets x 2 (max. 4 GB) * Due to standard PC architecture, a certain amount of memory is reserved for system usage and therefore the actual memory size is less than the stated amount.
Graphics	Controller	Intel GMA 950 Graphics technology Up to 144/224MB of DVM T for graphics memory
Expansion Slot	PCI-E	1 x mini PCI-E
	PCI	1 x PCI 2.3, accepts low profile PCI Card
Storage	HDD	1 x 2.5" SATA drive
	Optical Device	1 x DVD-RW
Ethernet	Interface	2 x Gigabit Ethernet (isolated) interfaces (RJ-45)
Identification		1 x Smart card reader
I/O Ports		2 x RS-232 (isolated), 1 x RS-232, 1x RS-232/422/485 serial port (isolated)
		4 x USB 2.0 ports
		1 x IEEE 1394b Port
		1 x PS/2 mouse and K/B
		1 x DVI-I VGA port
		2 x SATA ports (internal)
Speakers		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	16.7 M (RGB 8-bit/color)
	Dot size (mm)	0.294 (per triad) 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 ~ 240 V _{AC} , 5 ~ 3 A, @ 60 ~ 50 Hz
	Output voltage	Max. Output power : 300 W (+3.3 V & +5 V = 120 W Max) (3.3 V & +5 V & +12 V1 & +12 V2 = 281 W MAX) +3.3 V @ 16 A, +5 V @ 18 A, +12 V1 @ 16 A,+12 V2 @ 16 A, +5 Vsb @ 2.5 A, -12 V @ 0.5 A, -5 V @ 0.2 A
Optional Touchscreen	Type	Analog Resistive
	Resolution	Continuous
	Light transmission	75%
	Controller	RS-232 interface (Uses COM5)
Durability		30 million touches
Certification		CE & FCC Class B certified
		UL60601-1, EN60601-1 approved

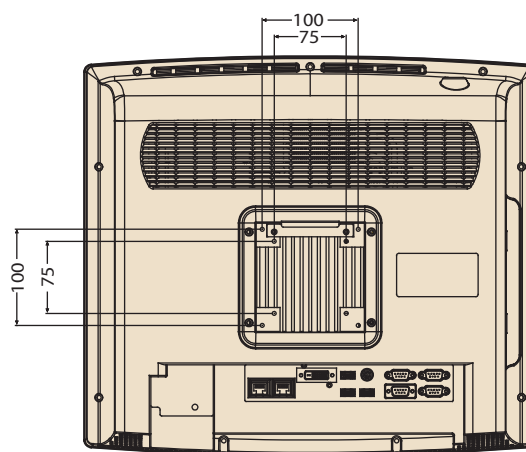
Dimensions

Unit: mm



Mounting

Unit: mm



VESA: 75 × 75 mm; 100 × 100 mm

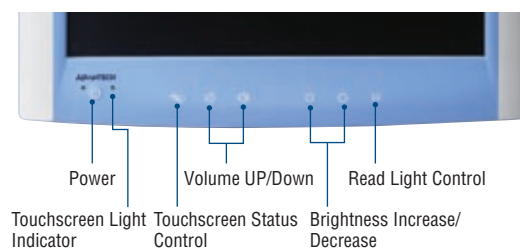
Environment	Temperature	0 ~ 40° C (32 ~ 104° F) (Operating)
	Humidity	10 ~ 95%@40 (non-condensing)
	Shock Resistance	30G peak acceleration (11ms duration)
	Power MTBF	100,000 hrs
	Water/dust Resistance	IPX1 compliant
Physical Characteristics	Dimensions (W x H x D)	471.5 x 416.2 x 123.6 mm (18.56" x 16.38" x 4.87")
	Weight	10.5 kg

Ordering Information

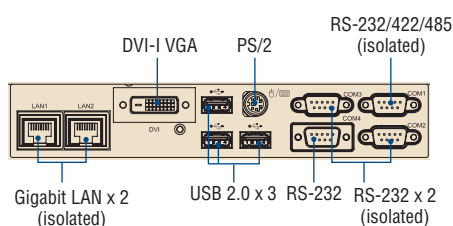
Part Number	Touch Panel	CPU	HDD	RAM
POC-196-D1A-ATE	Res. TS	T7400	-	2 GB
POC-196-C1A-ATE	Res. TS	CM 440	-	2 GB

*Optional HDD will go with T Part Number. Please contact Advantech sales for more details.

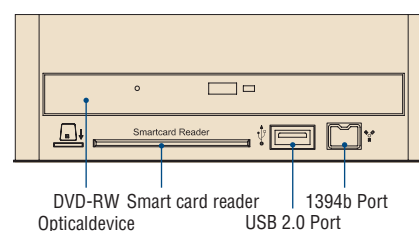
Function keys



Rear I/O



Side I/O



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

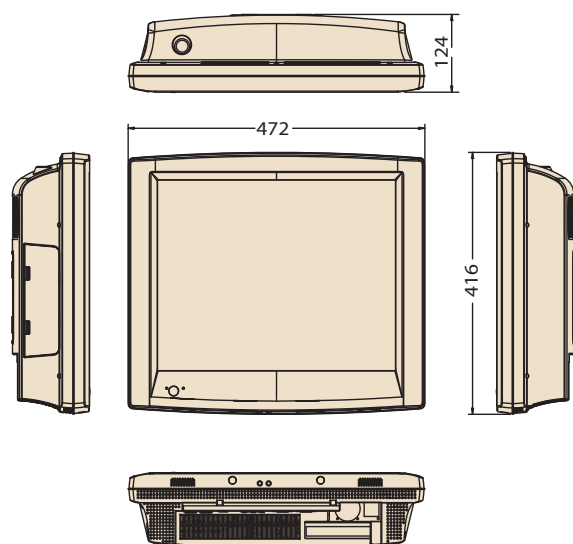


Specifications

Computing System	Chipset	915GME 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	915GME 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)

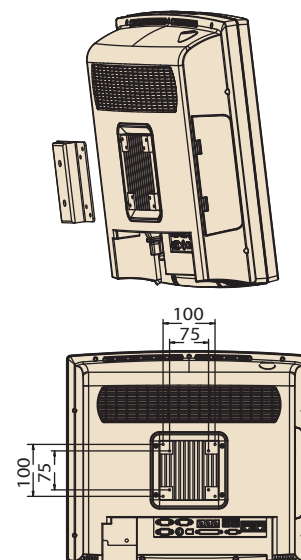
Dimensions

Unit: mm



Mounting

Unit: mm



VESA: 75 x 75 mm; 100 x 100 mm

Ordering Information

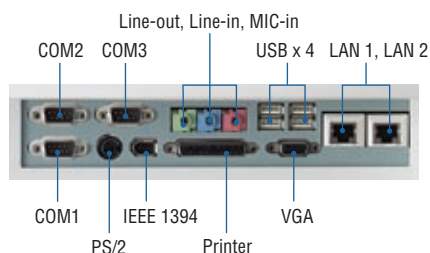
Part Number	Touch Panel	CPU	HDD 24 x 7	RAM
POC-195CB-AC-AE	-	-	-	-
POC-195CB-AC-ATE	Res.TS	-	-	-
POC-195CB-PE	-	Intel Pentium M 2.0 GHz	40 G SATA	1 GB
POC-195CB-PTE	Res.TS	Intel Pentium M 2.0 GHz	40 G SATA	1 GB

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

* This accessory goes with the T Part Number. Please contact Advantech sales for more details.

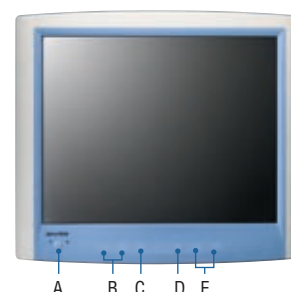
Rear I/O



Design of side cover prevents unauthorized access to disc and protects against water splashes

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

POC-176

17" Point-of-Care Terminal Featuring Intel® Core™ 2 Duo Processor

NEW



Features

- Point-of-Care terminal for eHealthcare/Medical Applications
- 17" LCD display
- Spill and dust resistant (IPX1)
- UL60601-1/EN60601-1, CE & FCC Class B certified
- Smart card reader built-in helps verify clinician identification
- 800 MB High speed IEEE 1394b interface
- Optional 802.11 b/g/n or 802.11 a/b/g/n module

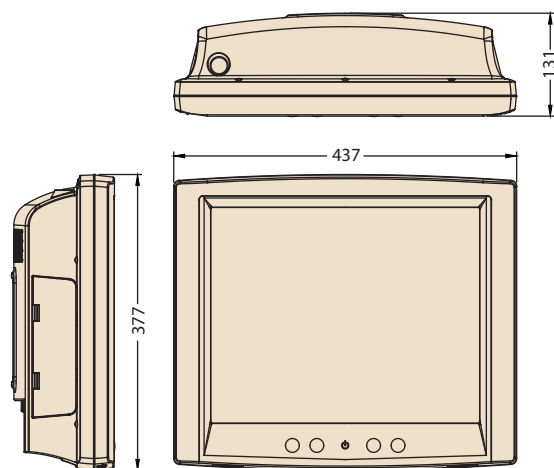


Specifications

Computing System	Chipset	945GME/ ICH7M Chipset
	CPU	Intel Core 2 Duo processor T7400 or Intel® Celeron® M 440 processor (2.16 GHz 667 MHz 4 MB Unified 34 watts 1.1625 V-1.3 V 100° C 478µFC-PGA)
	Front Side Bus	667 MHz
	Memory	DDR2 533/667 Unbuffered Non ECC SODIMM sockets x 2 (max. 4 GB) * Due to standard PC architecture, a certain amount of memory is reserved for system usage and therefore the actual memory size is less than the stated amount.
Graphics	Controller	Intel GMA 950 Graphics technology Up to 144/224MB of DVM T for graphics memory
Expansion Slot	PCI-E	1 x mini PCI-E
	PCI	1 x PCI 2.3, accepts low profile PCI Card
Storage	HDD	1 x 2.5" SATA drive
	Optical Device	1 x DVD-RW
Ethernet	Interface	2 x Gigabit Ethernet (isolated) interfaces (RJ-45)
Identification		1 x Smart card reader
I/O Ports		2 x RS-232 (isolated), 1 x RS-232, 1 x RS-232/422/485 serial port (isolated)
		4 x USB 2.0 ports
		1 x IEEE 1394b Port
		1 x PS/2 mouse and K/B
		1 x DVI-I VGA port
		2 x SATA ports (internal)
Speakers		2 x 1 W speakers; 1 x MIC-in and Speaker-out
Display	Display type	17" TFT LCD.
	Max. Resolution	1280 x 1024
	Max. Colors	16.7M
	Dot size (mm)	0.264 (per triand) x 0.264
	Viewing angle	160°/160°
	Luminance	300 cd/m²
	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} , 5 ~ 3 A, @ 60 ~ 50 Hz
Optional Touchscreen	Output voltage	Max, Output power : 300 W (+3.3 V & +5 V = 120 W Max) (3.3 V & +5 V & +12 V1 & +12 V2 = 281 W MAX) +3.3 V @ 16 A, +5 V @ 18 A, +12 V1 @ 16 A,+12 V2 @ 16 A, +5 Vsb @ 2.5 A, -12 V @ 0.5 A, -5 V @ 0.2 A
	Type	Analog Resistive
	Resolution	Continuous
	Light transmission	75%
	Controller	RS-232 interface (Uses COM5)
Durability		30 million touches
Certification		CE & FCC Class B certified
		UL60601-1, EN60601-1 approved

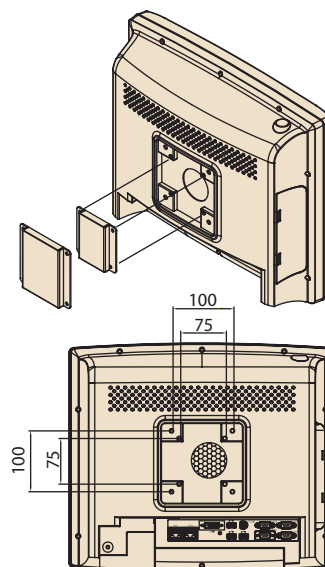
Dimensions

Unit: mm



Mounting

Unit: mm



VESA: 75 x 75 mm ; 100 x 100 mm

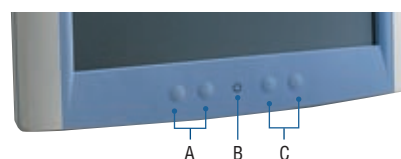
Environment	Temperature	0 ~ 40° C (32 ~ 104° F) (Operating)
	Humidity	10 ~ 95%@40 (non-condensing)
	Shock Resistance	30G peak acceleration (11ms duration)
	Power MTBF	100,000 hrs
	Water/dust Resistance	IPX1 compliant
Physical Characteristics	Dimensions (W x H x D)	437 x 377 x 131 mm (17.20" x 14.84" x 5.15")
	Weight	10.5 kg

Ordering Information

Part Number	Touch Panel	CPU	HDD	RAM
POC-176-D1A-ATE	Res. TS	T7400	-	2 GB
POC-176-C1A-ATE	Res.TS	CM 440	-	2 GB

*Optional HDD will go with T Part Number. Please contact Advantech sales for more details.

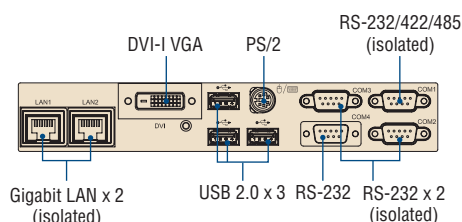
Function keys



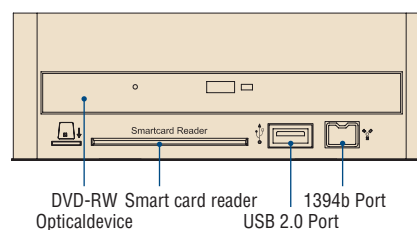
A. Audio Control Button
B. Power Light

C. Brightness Control Button

Rear I/O



Side I/O



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

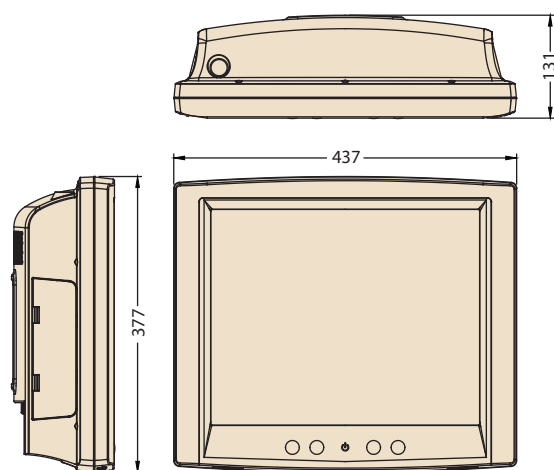


Specifications

Computing System	Chipset	915GME 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	915GME 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)

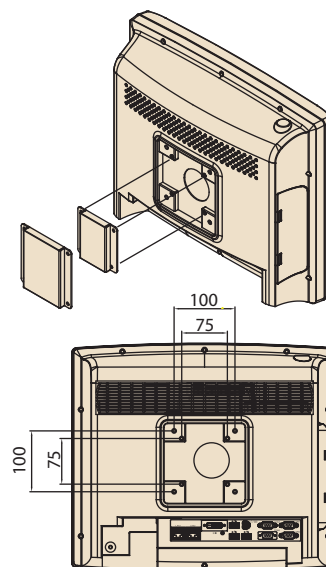
Dimensions

Unit: mm



Mounting

Unit: mm



VESA: 75 x 75 mm ; 100 x 100 mm

Ordering Information

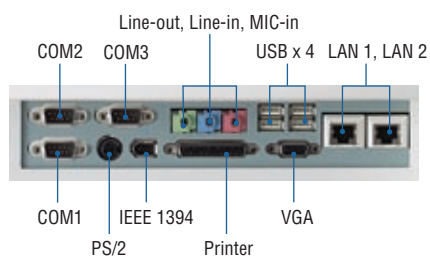
Part Number	Touch Panel	CPU	HDD 24 x 7	RAM
POC-175CB-AC-AE	-	-	-	-
POC-175CB-AC-ATE	Res.TS	-	-	-
POC-175CB-PE	-	Intel Pentium M 2.0 GHz	40 G SATA	1 GB
POC-175CB-PTE	Res.TS	Intel Pentium M 2.0 GHz	40 G SATA	1 GB

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

* This accessory goes with the T Part Number. Please contact Advantech sales for more details.

Rear I/O

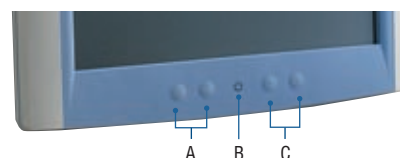


Design of side cover prevents unauthorized access to disc and water-splash

Packing List

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

Function keys



A. Audio Control Button
B. Power Light

C. Brightness Control Button

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

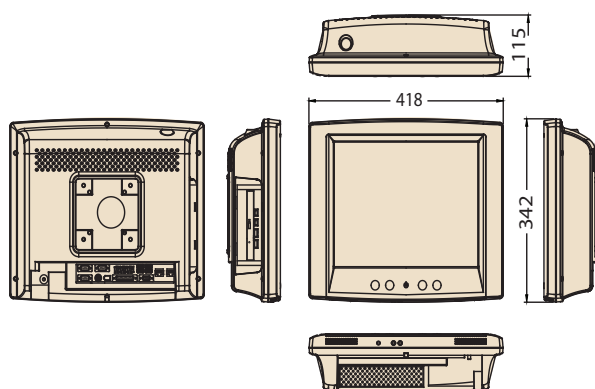


Specifications

Computing System	Chipset	915GME 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	915GME 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/m²
	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	100,000 hrs
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)

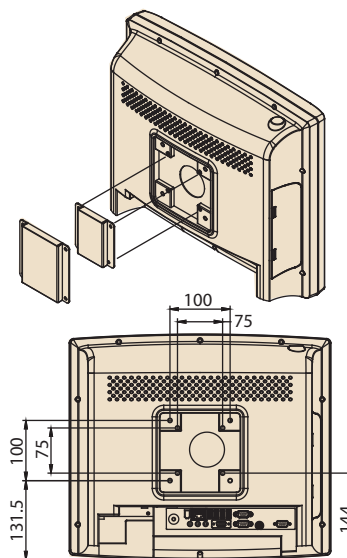
Dimensions

Unit: mm



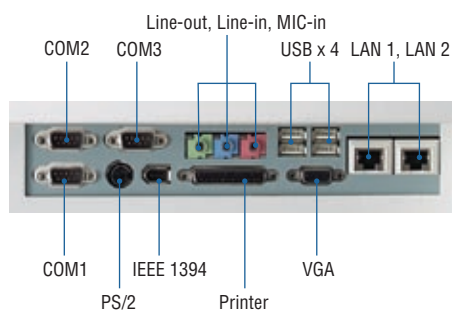
Mounting

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

* This accessory goes with the 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



Optical Device
2 x IEEE 1394a
2 x USB 2.0

Design of side cover prevents unauthorized access to disc and protects against water splashes

* This accessory goes with the T-Part number. Please contact Advantech sales for more details.

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

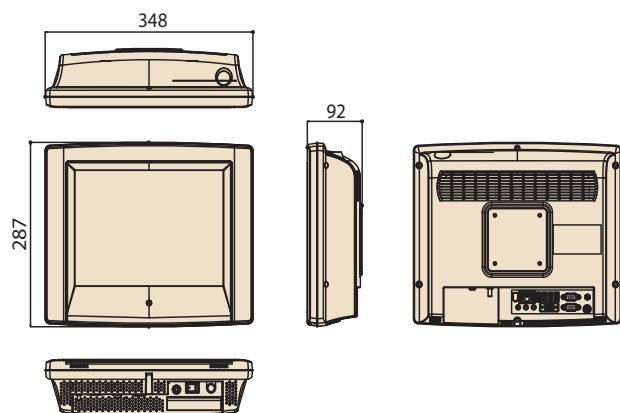


Specifications

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 Mbps 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 Touchscreen	Output voltage	24 Vdc, 2.08A max (50 watt)
	Type	Analog Resistive
	Light transmission	75%
	Controller	RS-232 interface (use COM5)
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	100,000 hrs
Physical Characteristics	Water/dust Resistance	IPX1 compliant
	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)

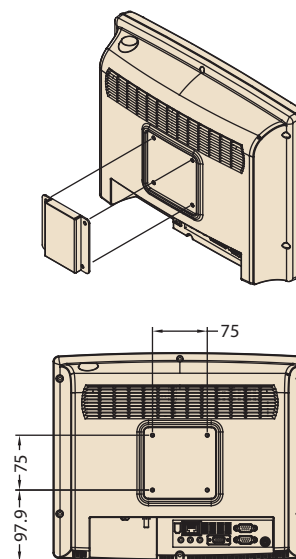
Dimensions

Unit: mm



Mounting

Unit: mm



VESA: 75 x 75 mm

Ordering Information

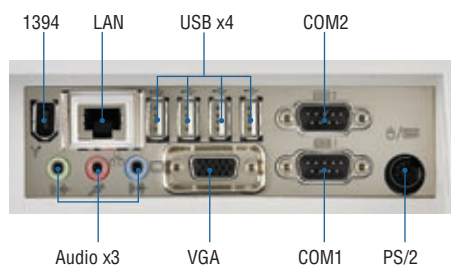
Part Number	Touch Panel	CPU	HDD 24 x 7	RAM
POC-125-060-AE	-	Intel Celeron M 600 MHz	-	-
POC-125-060-ATE	Res.TS	Intel Celeron M 600 MHz	-	-
POC-125-100-AE	-	Intel Celeron M 1 GHz	-	-
POC-125-100-ATE	Res.TS	Intel Celeron M 1 GHz	-	-
POC-125-CTE	Res.TS	Intel Celeron M 600 MHz	80 G IDE	1 GB

Accessories

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

* This accessory goes with the 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
- IP54/IPX1 enclosure with additional IP65 dust-tight front panel
- UL60601-1/EN60601-1, CE & FCC Class B certified
- Optional 802.11a/b/g/n WLAN module and touchscreen



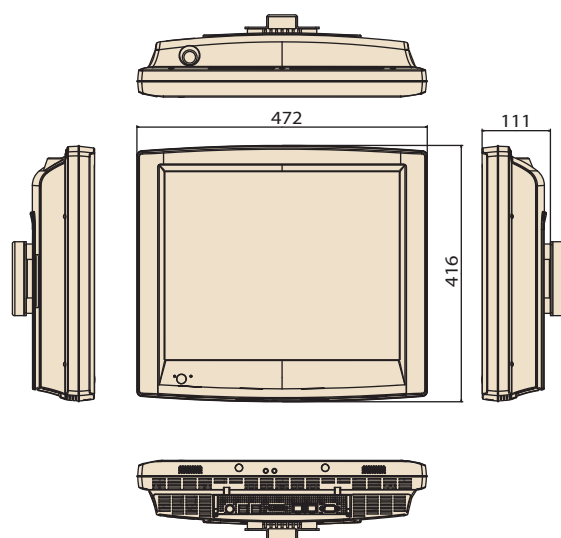
Specifications

Computing System	Chipset	Intel 945GME GMCH/ICH7M
	CPU	Intel Core Duo processor 1.66 GHz/1.2 GHz
	Front Side Bus	667 MHz/533 MHz
	Memory	Supports up to 4 GB DDR2 533/667 Mhz SDRAM*
Graphics	Controller	Intel 945GME integrated
	VRAM	Dynamic Video Memory Technology (DVMT) 3.0 to dynamically allocate up to 224 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 device
Ethernet	Interface	2 x Gigabit Ethernet interfaces (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	16.7 M (RGB 8-bit data)
	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) for POC-S196-166 series 0 ~ 35° C (Operating) for POC-S196-120 series
	Humidity	10 ~ 95% @ 40° C (non-condensing)
	Shock Resistance	20 G peak acceleration (11 ms duration)
	Water/Dust Resistance	IPX1 water resistant rating for POC-S196 with 1.66G CPU IP54 enclosure for POC-S196 with 1.2G CPU
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)

* For memory-mapped I/O (MMIO) space reserved, 32-bit operating systems limit the total available memory to 3.12 GB to avoid potential driver compatibility issues.

Dimensions

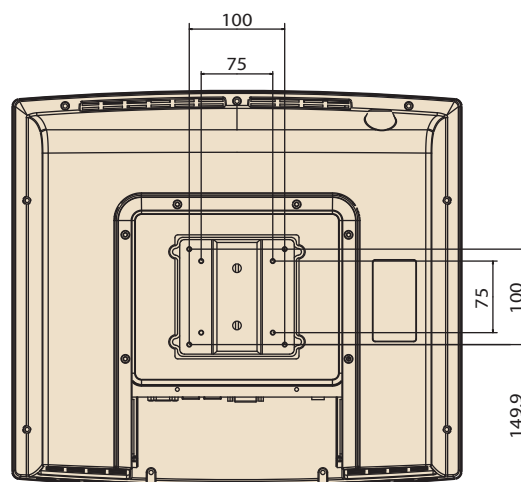
Unit: mm



*IP54 enclosure (no holes) model for POC-S196-120 series

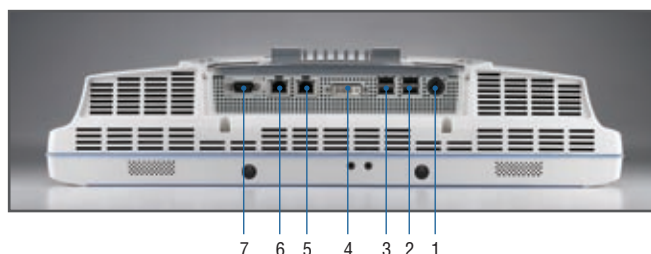
Mounting

Unit: mm



VESA: 75 x 75 mm ; 100 x 100 mm

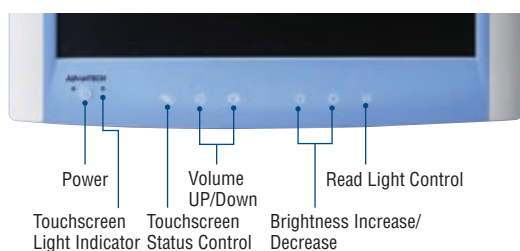
I/O Drawing



1. 4-pin 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 Mbps Ethernet interface (RJ-45)
6. 10/100/1000 Mbps Ethernet interface (RJ-45)
7. Isolated RS-232/422/485 COM port (By jumper setting)

*IP54 enclosure (no holes) model for POC-S196-120 series

Function keys



Ordering Information

Part Number	CPU	Touch Panel	IP Rating	RAM
POC-S196-166-AE	1.66 GHz	-	IPX1	2 G
POC-S196-166-ATE	1.66 GHz	Res.TS	IPX1	2 G
POC-S196-120-AE	1.2 GHz	-	IP54	2 G
POC-S196-120-ATE	1.2 GHz	Res TS	IP54	2 G

Packing List

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

Accessories

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

* This accessory goes with the 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 802.11a/b/g WLAN module and touchscreen

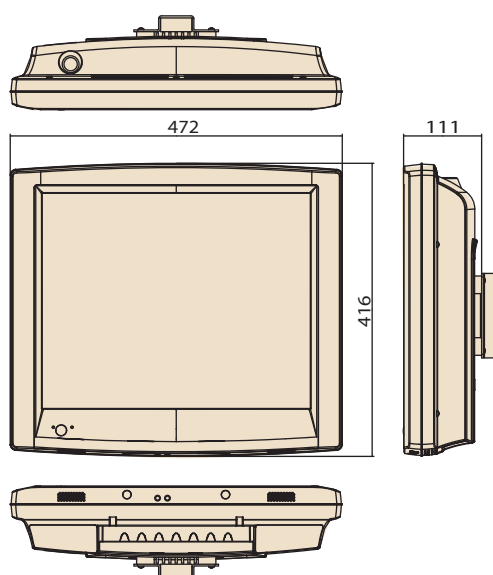


Specifications

Computing System	Chipset	Intel 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 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 10/100 Mbps 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°/178°
	Luminance	300 cd/m ²
	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)

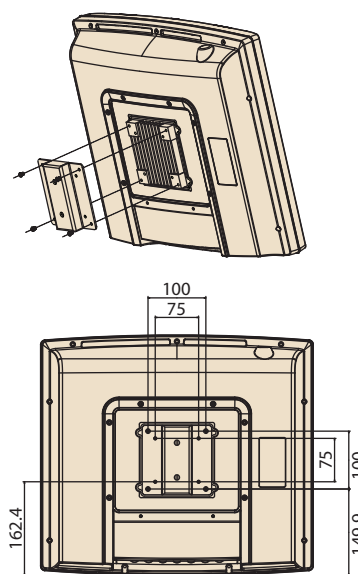
Dimensions

Unit: mm



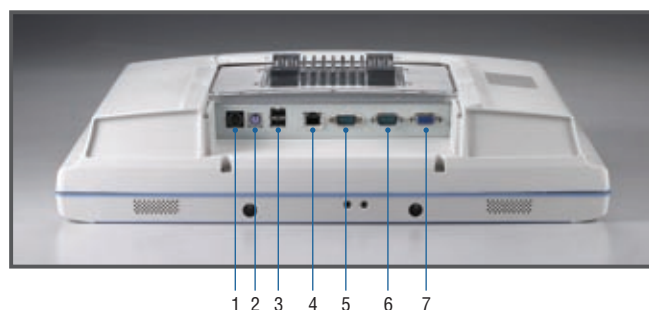
Mounting

Unit: mm



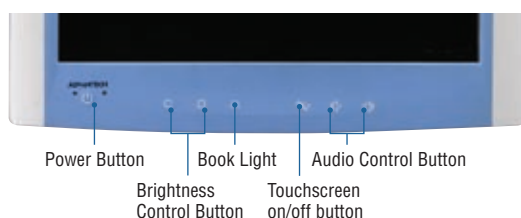
VESA: 75 x 75 mm ; 100 x 100 mm

I/O Drawing



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

Function keys



Ordering Information

Part Number	CPU	Touch Panel	HDD 24 x 7	RAM
POC-S195-P1-CE	1.4 G	-	80 G IDE	1 GB
POC-S195-P1-CTE	1.4 G	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
Advantech 2-year warranty card	1

Accessories

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

* This accessory goes with the T Part Number. Please contact Advantech sales for more details.

POC-S176

17" Slim Point-of-Care Terminal with Intel® Core™ Duo/Core™ 2 Duo Processor

NEW



Features

- 17" LCD display with 16.2 M colors
- Intel® Core™ Duo/Core™ 2 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 802.11a/b/g/n WLAN module and touchscreen



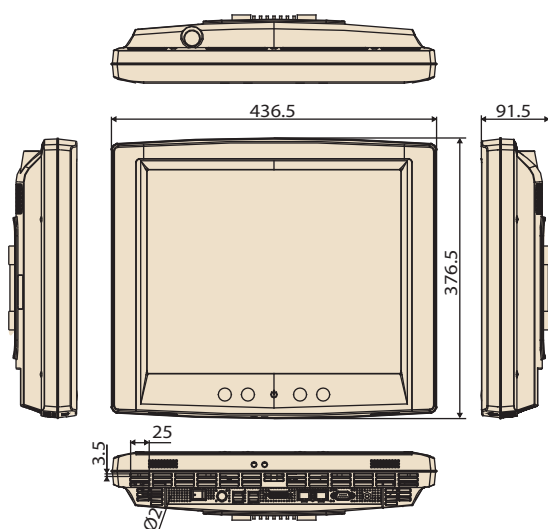
Specifications

Processor System	Chipset	Intel 945GME GMCH/ICH7M
	CPU	Intel Core Duo processor 1.66 GHz/ Intel Core 2 Duo processor 1.5 GHz
	Front Side Bus	667 MHz
	Memory	Supports up to 4 GB DDR2 533/667 MHz SDRAM*
Graphics	Controller	Intel 945GME integrated
	VRAM	Dynamic Video Memory Technology (DVMT) 3.0 to dynamically allocate up to 224 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 + option 2 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	17" TFT LCD.
	Max. Resolution	1280 x 1024
	Max. Colors	16.2 M
	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
		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)
	Water/Dust Resistance	IPX1 for whole system
Physical Characteristics	Dimensions (W x H x D)	436.5 x 376.5 x 91.5 mm (17.18" x 14.82" x 3.60")
	Weight	6.9 KG

* For memory-mapped I/O (MMIO) space reserved, 32-bit operating systems limit the total available memory to 3.12 GB to avoid potential driver compatibility issues.

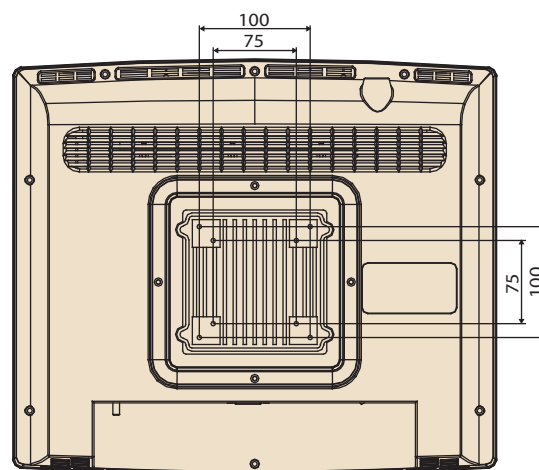
Dimensions

Unit: mm



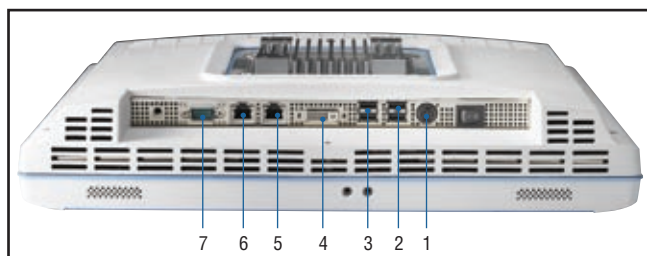
Mounting

Unit: mm



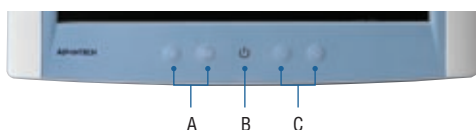
VESA: 75 x 75 mm ; 100 x 100 mm

I/O Drawing



1. 4-pin 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 Mbps Ethernet interface (RJ-45)
6. 10/100/1000 Mbps Ethernet interface (RJ-45)
7. Isolated RS-232/422/485 COM port (By jumper setting)

Function keys



A. Audio Control Button
B. Power Light

C. Brightness Control Button

Ordering Information

Part number	CPU	Touch Panel	RAM
POC-S176-166-AE	Intel Core Duo 1.66 GHz	-	2 G
POC-S176-166-ATE	Intel Core Duo 1.66 GHz	Res.TS	2 G
POC-S176-150-AE	Intel Core 2 Duo 1.5 GHz	-	2 G
POC-S176-150-ATE	Intel Core 2 Duo 1.5 GHz	Res.TS	2 G

Packing List

Description	Quantity
AC 100W SPS MPU100-107 W/PFC 100-240	1
User manual for POC-S176 model	1
Advantech 2-year warranty card	1
Startup manual	1
CD-ROM for POC-S series Driver & Utility	1
China RoHS report	1
HDD Mounting Accessories	1

Accessories

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

*This accessory goes 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, Li-ion battery pack

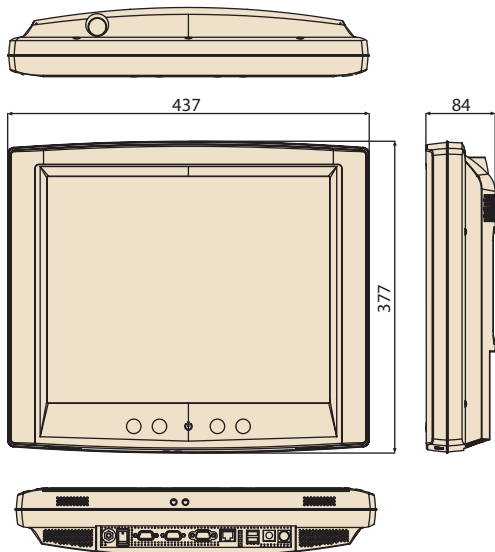


Specifications

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 10/100 Mbps 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	16.2 M
	Dot size (mm)	0.264 x 0.264
	Viewing angle	160°/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)

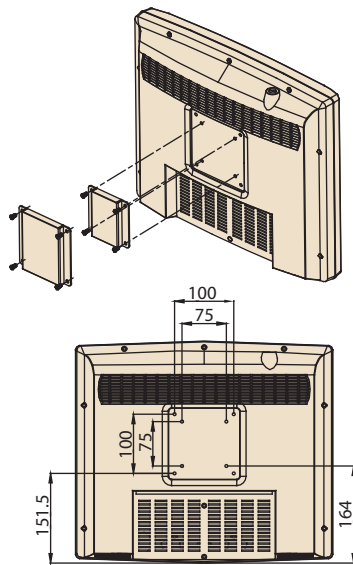
Dimensions

Unit: mm



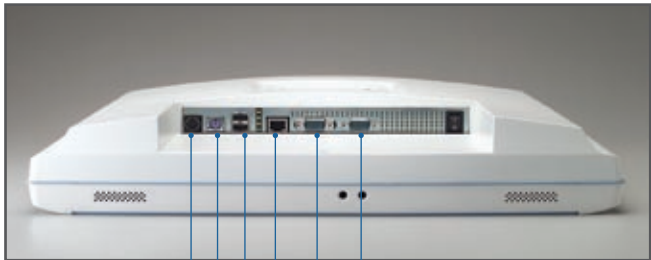
Mounting

Unit: mm



VESA: 75 x 75 mm ; 100 x 100 mm

I/O Drawing



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

Ordering Information

Part Number	Touch Panel	CPU	HDD 24 x 7	RAM
POC-S175-P1-CTE	Res.TS	1.4GHz	80 G IDE	1 G
POC-S175-P1-CE	-	1.4GHz	80 G IDE	1 G
POC-S175-P2-CTE	Res.TS	1.0GHz	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 PC/M80PS24 W/PFC 100-240V	1
CD-ROM for POC-S155 Driver & Utility V1.0	1
Startup manual	1
Advantech 2-year warranty card	1

Accessories

Part Number	Description
*	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

* This accessory goes with the T Part Number. Please contact Advantech sales for more details.

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, Li-ion battery pack

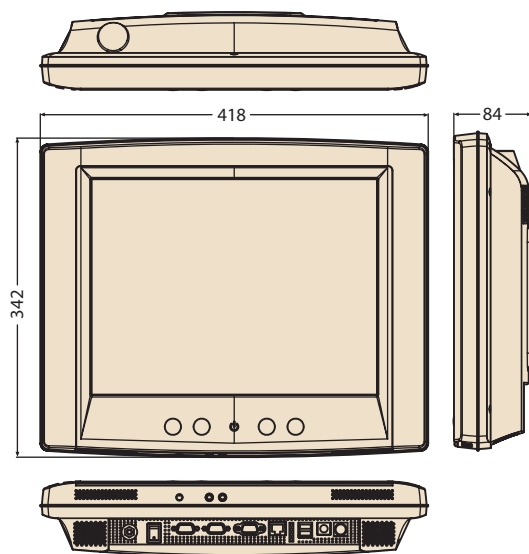


Specifications

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 10/100 Mbps 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; 1 x D-sub VGA port	
Speakers		2 x 1 W speakers; 1 x MIC-in and Speaker-out	
Display	Display type	15" TFT color LCD	
	Max. Resolution	1024 x 768	
	Max. Colors	262 K	
	Dot size (mm)	0.297 x 0.297	
	Viewing angle	140°/125°	
	Luminance	350 cd/m ²	
	Contrast ratio	700:1	
	LCD MTBF	50,000 hours	
Optional Touchscreen	Backlight lifetime	50,000 hours at 6.5 mA	
	Type	Analog Resistive	
	Light transmission	75%	
	Controller	RS-232 interface (use COM4)	
Power Supply	Durability	30 million touches	
		External universal AC/DC Adapter (SINPRO Model No. MPU50-108)	External universal AC/DC adapter Battery option (XPiQ Model no. PCM80PS24)
	Input voltage	100 ~ 240 V AC, 47 ~ 63 Hz, 1.35 A max.	100 ~ 240 V AC, 47 ~ 63 Hz, 1.1 ~ 0.45 A
Environment	Output voltage	24 V DC, 2.08 A max. (50 watt)	24 V DC, 3.33 A max. (80 watt)
	Temperature	0 ~ 40° C	
	Humidity	10 ~ 95% @ 40° C (non-condensing)	
	Shock Resistance	20 G peak acceleration (11ms duration)	
Physical Characteristics	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)	

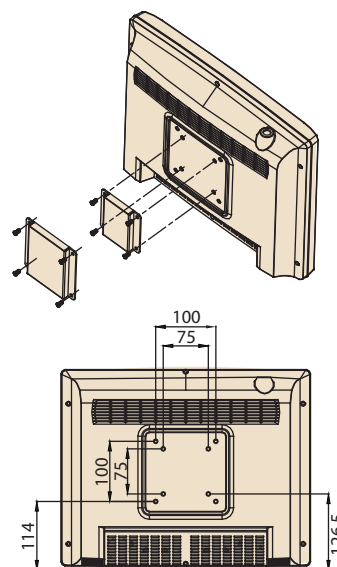
Dimensions

Unit: mm



Mounting

Unit: mm



VESA: 75 x 75 mm ; 100 x 100 mm

I/O Drawing



1 2 3 4 5 6 7

1. 4-pin mini-DIN DC connector
2. PS/2 Mouse/Keyboard Port
3. USB 2.0 Ports x 2
4. 10/100 Mbps 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	CPU	HDD 24 x 7	RAM
POC-S155-P1-CTE	Res.TS	1.4GHz	80 G IDE	1 G
POC-S155-P2-CTE	Res.TS	1.0GHz	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
Advantech 2-year warranty card	1

Accessories

Part Number	Description
*	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

* This accessory goes with the T Part Number. Please contact Advantech sales for more details.

MICA-101

10.4" Fanless Mobile Clinical Assistant

NEW



Features

- Fanless low-power system with Intel® Atom™ processor
- Dual resistive and digitizer panels for touch operation and digital pen recognition
- Compact size, lightweight, and rugged ergonomic design
- Certified IP54 dust and water-splash proof sealed system
- Easy connectivity with Wi-Fi, Bluetooth and optional 3.5 G mobile communication
- Patient and asset identification through integrated camera and RFID reader
- Optional image based barcode scanner (no lasers), webcam and finger print reader

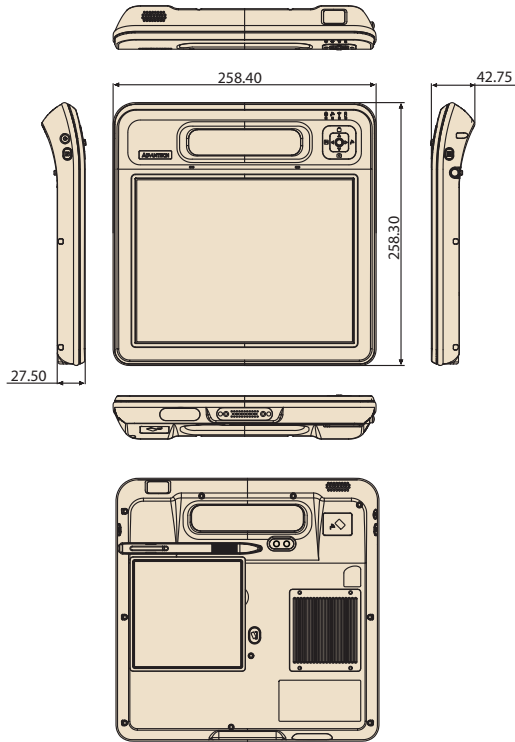


Specifications

Computing System	Chipset	Intel Poulbso SCH
	CPU	Intel Atom Processor Z510 (1.1 GHz) / Z530 (1.6 GHz)
	Cache and FSB	512 KB on-die L2 cache and 400 MHz / 533 MHz FSB
	Memory	DDR2 667 MHz SODIMM (2 GB)
	Operating System	Windows Vista Business, Windows XP Professional or Windows XP Embedded,
Cooling		Fanless
Graphics	Controller	Intel Graphics Media Accelerator 500
	VRAM	8 MB
Storage	PATA HDD	1 x 1.8" PATA HDD with 60 GB capacity
	SSD	Optional, either SSD or PATA HDD
Display	Touch Panel	Dual – Digitizer & Resistive
	Display Type	10.4" XGA TFT LCD (1024 x 768)
	Max. Resolution	1024 x 768
	Max. Color	256 K (RGB 6-bit color data)
	Viewing Angle	90°/50°
	Luminance	260 cd/m ² (typical)
	Contrast Ratio	250 : 1 (typical)
	Backlight Lifetime	50,000 hrs
Communications	WIFI	Integrated Wireless 802.11 a/b/g/n connection
	Bluetooth	Integrated Bluetooth v2.0 + EDR
	3.5G module (Optional)	
Audio		Internal speaker x 1, Internal mono microphone x 2
Connectivity	I/O Port Interfaces	Power-in jack x 1, Docking connector x 1, mini USB port x 1
	Embedded I/O Devices	* 2.0 Mega pixel camera with auto-focus and one LED light * 13.56 MHz RFID with ISO15693 & ISO14443A/B and active tag function * 1D/2D and UDSI Barcode scanner (Optional) * Optional Integrated Fingerprint Reader or VGA camera for webcam (choose one)
Control Buttons		* Power button * Camera snapshot * RFID read trigger button * Barcode button * Screen lock button * 3 programmable buttons: P1 default setting for entering S3 mode, P2 default setting for WIFI on/off
System Indicators		Power x 1, WIFI x 1, RFID x 1, Bluetooth x 1
VESA Cradle Connectivity	I/O Interfaces	VGA, USB and LAN ports
Power Supply	AC Adapter In	100 - 240 V ~ 1.62 A 50/60 Hz
	AC Adapter Out	15 V, 4.2 A Max, 63 W
	Battery Type	Lithium-ion standard battery
	Battery Capacity	3760 mAh
	Battery Charge Time	2.5 hours
	Battery Operating Time	5 - 6 hours

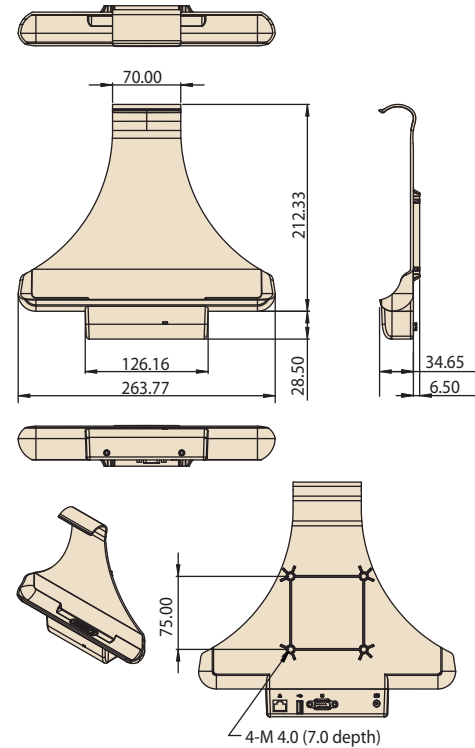
Dimensions

Unit: mm



Mounting

Unit: mm



Environment	Temperature	Operating: 0° C ~ 40° C, Storage: -20° C ~ 60° C
	Humidity	Operating: 10% ~ 90% @ 40° C non-condensing, Storage: 10% ~ 95% non-condensing
	Shock Resistance	Operating: 10 ~ 20 G, 11 ms, Non-operating: 50 G, 11 ms
	Water/Dust Resistance	IP54
	Drop Resistance	91 cm
Physical Characteristics	Dimensions (W x H x D)	258.4 x 258.3 x 42.75 mm
	Weight	1.5 Kg (3.3 lbs.)
Standards	Safety	FCC Part 15 Class B, UL, CUL, CE, CB60950, CCC, R&TTE (99/5/EC)
	Medical	UL60601-1, IEC/EN60601-1, CB60601-1, TUV
	Battery pack	UL2054 and UN38.3
Warranty		Standard 2 year warranty

Ordering Information

Part Number	CPU	Web camera	Barcode	RFID	Camera	OS
MICA-101-F21-A1E	1.6 GHz	-	Yes	Yes	Yes	XP Pro
MICA-101-F21-A2E	1.6 GHz	Yes	Yes	Yes	Yes	XP Pro
MICA-101-S11-A1E	1.1 GHz	-	-	Yes	Yes	XP Pro

Packing List

Description	Quantity
Stylus pen	1
Power adapter	1
Battery	1
USB Type A to Mini B Cable	1
Warranty card	1
Software CD (Drivers and Utility, Recovery OS, Recovery Image)	3



Ergonomic design



MICA-101 back side



MICA-101 with cradle



Back side of cradle

MT-100

10"4 Fanless and Lightweight Medical 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
- Build-in 802.11 a/b/g wireless LAN
- Optional bluetooth, cradle, trim knob
- Ideal for mobile healthcare

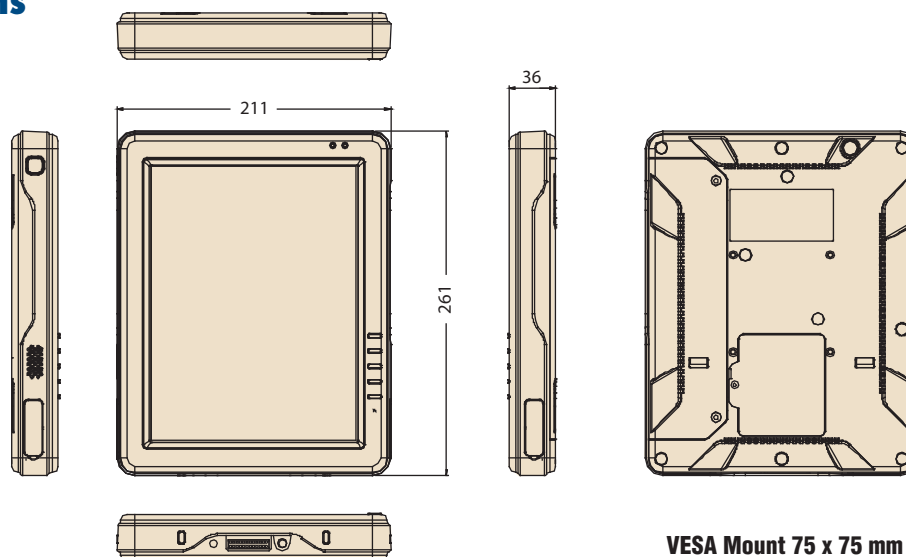


Specifications

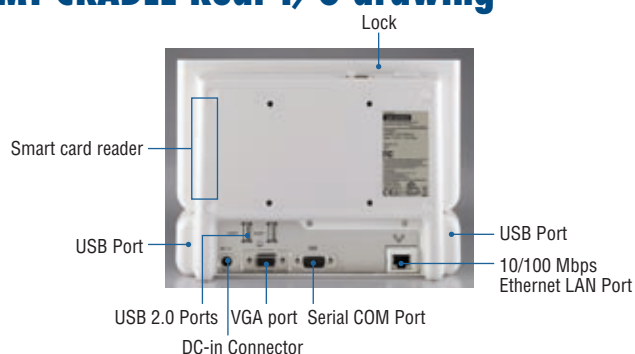
Computing System	Chipset	AMD Geode LX 800 & CS5536	
	CPU	AMD Geode LX 800	
	Front Side Bus	500 MHz	
	Memory	DDR 333 Unbuffered Non ECCx 1, Max 1 GB	
Graphics	Controller	AMD Geode LX 800	
Expansion Slot	Mini PCI	1 x Mini PCI slot, supports type IIIA Mini PCI	
Storage	HDD	1 x 1.8" IDE	
	CompactFlash	1 x Type I/II (Optional with installation of 1.8" HDD)	
WLAN	Interface	1 x IEEE 802.11 a/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	120°/100°	90°/50°
	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 6.5 mA	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, FCC 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)	
	Water/dust Resistance	IP54 for whole system	
Physical Characteristics	Drop Resistance	3 Foot height (91 cm)	
	Dimensions (W x H x D)	261 x 211 x 36 mm (10.27" x 8.3" x 1.42")	
Optional Items	Weight	1.96 kg (4.32 lb)	
	Cradle	4 x USB ports; 1 x VGA port; 1 x 10/100 Mbps Ethernet LAN port; 1 x RS-232 COM port, 1 x DC in; 1 x Docking connector, 1 x Smart Card Reader	
	Battery Pack	MT-BATE 4800 mAh Discharge Time 3 hours battery life Charging Time 3.5 hours	
	Trim Knob	Trim Knob (USB interface)	
	Bluetooth	Bluetooth module	

Dimensions

Unit: mm



MT-CRADLE Rear I/O drawing



IP54 Enclosed System

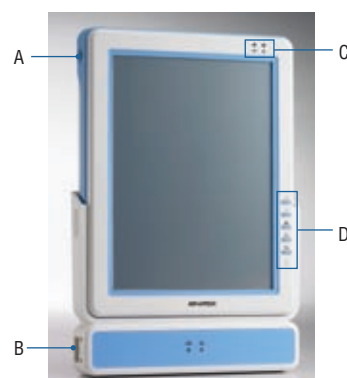
Ordering Information

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	512 MB

Package List

Description	Quantity
Battery Pack	1
AC Adapter	1
CD-ROM disc for User's manual & "Drivers and Utilities"	1
Stylus pen kit	1

Function keys



A: Power Button
B: USB 2.0 Ports
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 4, VGA, COM, 10/100Mb 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

* These accessories goes with the T Part Number. Please contact Advantech sales for more details.

PIT-1702

Patient Infotainment Terminal



Features

- Intel® Celeron® M ULV 1.06 GHz/Core 2 Duo 1.06 GHz
- Fanless
- 17" TFT-LCD with touchscreen
- Built-in 1.3 megapixel CMOS camera
- Built-in Mic, speaker & head-set support
- Equipped with RFID/WiFi/Smart Card Reader
- Built-in emergency key & 2 x indicators
- Multiple input supports: RJ-45, USB x 2
- Windows XP Embedded architecture
- EN60601-1 certification approved
- Rich options
- *TV tuner (analog & DVB-T)
- *Handset
- *Wired remote controller (6 keys)
- Notes: *optional items

Introduction

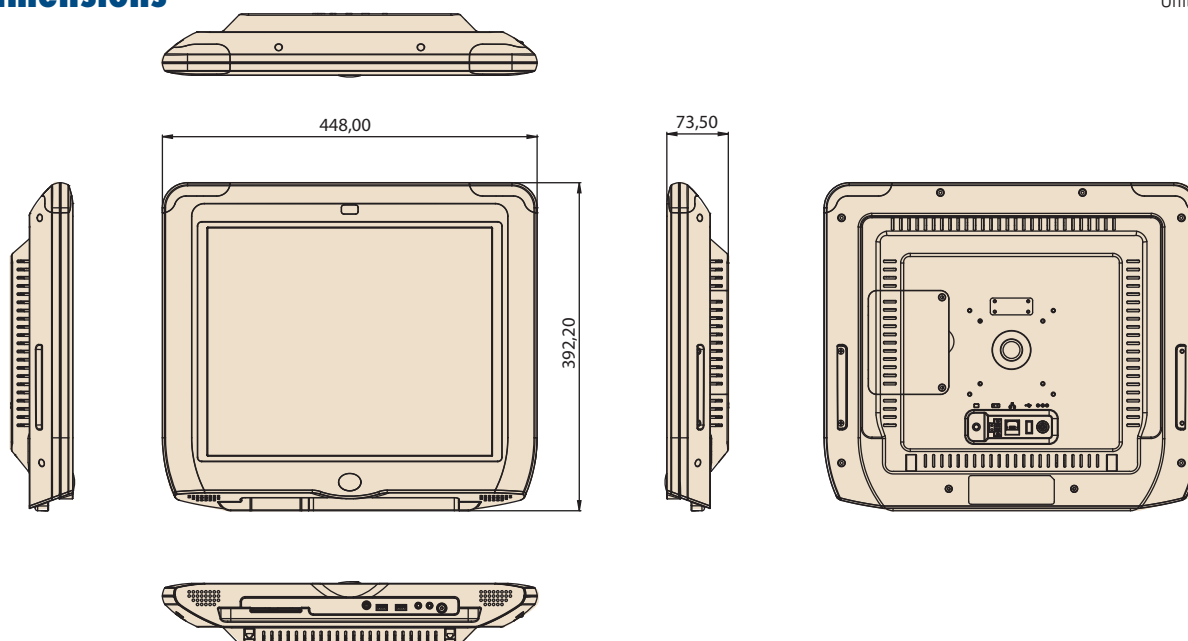
The PIT-1702, a 17" multi-function terminal with touchscreen, WiFi, RFID, handset, smart card reader, and 1.3 megapixel CMOS camera, is a standard product of Advantech which targets the patient terminal and healthcare market. A built-in Intel Celeron M 1.06 GHz processor and Microsoft Windows XPE Embedded software provides patients with various entertainment programs such as TV, movies or computer games. The 1.3 megapixel camera, WiFi and Ethernet (RJ-45) connectivity provides video phone service to help patients communicate with their families by internet. Identification recognition for both hospital staff and patients is possible with the RFID and smart card reader. Added flexibility is provided through I/O interfaces such as USB ports, an earphone and a microphone jack. Additionally, an LED light indicator and nurse call button help alert hospital staff to important incidents.

Specifications

Hardware	CPU	Intel Celeron M ULV 1.06 GHz /Core 2 Duo 1.06 GHz
	Front Side Bus	Supports FSB 533/667MHz
	System Chipset	Intel 945GME
	Memory	1 GB DDRII DRAM
	Storage	HDD: 2.5" SATA 80G
	Camera	1.3 megapixel CMOS camera
	Bus Expansion	mini-PCI slot x 1 (for WLAN)
Display	Size	17" TFT color LCD
	Max Resolution	1280 x 1024
	Viewing Angle	178/178
	Luminance	300 cd/m ²
	Contrast Ratio	800:1
Touchscreen	Type	Analog Resistive
	Light Transmission	75%
	Controller	USB interface
	Durability	30 million touches
I/O Ports	USB Port	3
	Smart Card Reader	1
	Line out	1
	Microphone in	1
Audio	Speaker	1W x 2
	Microphone	1
Network	LAN	10/100 Mbps Ethernet (RJ-45) x 1
	WLAN	802.11 b/g wireless LAN
Emergency Alarm	Hotkey	1
	LED Light Indicator	2
Bus Expansion	mini-PCI slot	1 (for WLAN)
Software	Operating System	Embedded XP
Mechanical	Mounting	VESA 75/100 mm
	Dimensions (W x H x D)	448 x 393 x 73.5 mm (17.64" x 8.31" x 2.89")
	Weight	6.8 kg (14.99 lbs.) / 7.0 kg (15.43 lbs.) with handset

Dimensions

Unit: mm



Specifications

Options	TV Tuner	1 (Analog & DVBT)
	Handset	1
	Remote Controller	6 keys
Power Supply	AC/DC Adapter	
	Input Voltage	100 ~ 240 V _{AC} , 1.1 ~ 0.45 A @ 47~ 63 Hz
	Output Voltage	+18 V _{DC} , 4.44 A max
Environment	Operating Temperature	0 ~ 40° C
	Certifications	CE, FCC, CCC, CB, UL, EN 60601-1 approved

Ordering Information

Part Number	Description
Celeron M Platform	
PIT-1702-CST0E	17", Intel 945 Celeron M 1.06 G, 1 G SDRAM, 80 G HDD
PIT-1702-CTV0E	PIT-1702-CST0E+TV tuner
PIT-1702-CHT0E	PIT-1702-CST0E+Handset
PIT-1702-CRC0E	PIT-1702-CST0E+wired remote controller (6 keys)
Core2 Duo Platform	
PIT-1702-UST0E	17", Intel 945 Core2 Duo 1.06 G, 1 G SDRAM, 80 G HDD
PIT-1702-UTV0E	PIT-1702-UST0E+TV tuner
PIT-1702-UHT0E	PIT-1702-UST0E+Handset
PIT-1702-URC0E	PIT-1702-UST0E+wired remote controller (6 Keys)

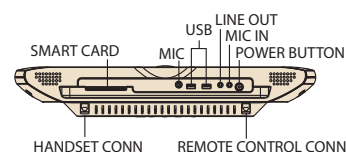
Packing List

Description	Quantity
CD Utility	1
AC/DC Power Adapter	1
User Manual	1

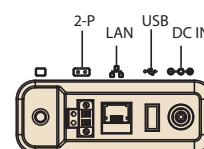
Accessories

Part Number	Description
PIT-1702-HSKE	Handset
PIT-1702-RCKE	Wired remote controller (6 keys)

Bottom I/O Placement



Rear I/O placement



PIN-M106

Medical Mini PC



Features

- Intel 945GME platform
- Compact housing for limited space
- Fanless design with low audible noise
- Dual display up to a 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)

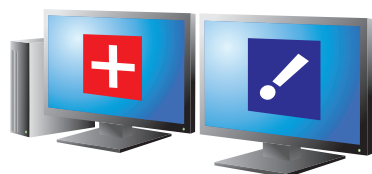


Specifications

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 Graphics 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 60 Hz
	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



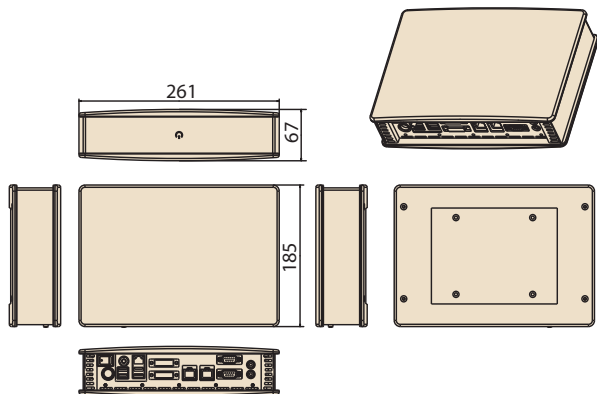
Mirror Model



Maximum Resolution: Up to 1600 x 1200

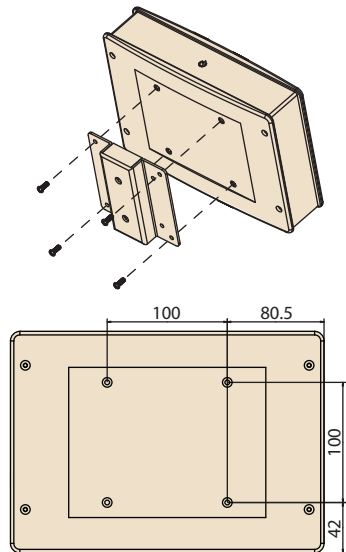
Dimensions

Unit: mm



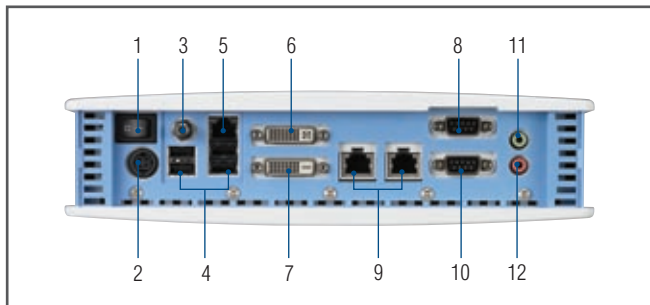
Mounting

Unit: mm



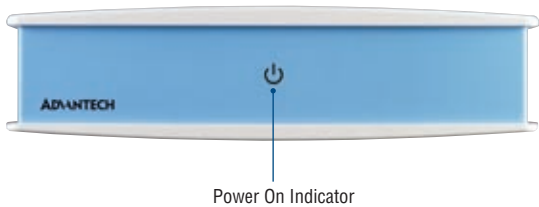
VESA: 100 x 100 mm

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



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

* This accessory goes with the T Part Number. Please contact Advantech sales for more details.

PDC-190

19" Medical Display with IP65 Front Panel

NEW



Features

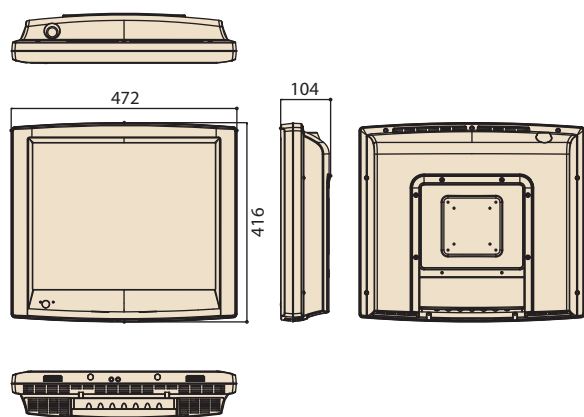
- 19" MVA type LCD display with wide viewing angle (170°/170°)
- HD Ready-Compatible to High Definition Video (1280 x 720, 50/60Hz Progressive)
- DICOM preset function
- IPX1 water resistant enclosure with additional IP65 dust-tight front panel
- High brightness and contrast ratio
- USB 2.0 hub function
- UL60601-1/EN60601-1, CE & FCC Class B certified

Specifications

Display	Display type	19" MVA type 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	
	Backlight lifetime	50,000 hours	
I/O Ports		PDC-190S	PDC-190
	Video Input Port		
	Composite	BNC x1	-
	S-Video	mini DIN-4 x1	-
	YPbPr/RGB	BNC x3	-
	Ext SYNC	BNC x1	-
	HD/SD-SDI	BNC x1	-
	DVI	DVI-I x1	DVI-D x1
	VGA*	Through DVI-I to HD15 adapter	HD-15 x1
	Video output port (Loop through)		
	Composite	BNC x1	-
	S-Video	mini DIN-4 x1	-
	HD/SD-SDI	BNC x1	-
	Audio/ USB hub/Power		
	Line-in	phone jack x1	phone jack x1
	USB downstream	type A x2	type A x2
	USB upstream	type B x1	type B x1
	DC power connector	DIN-4 x1	DIN-4 x1
	RS-232C communication Port		
	OSD remote control	DB9 x1	-
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)	

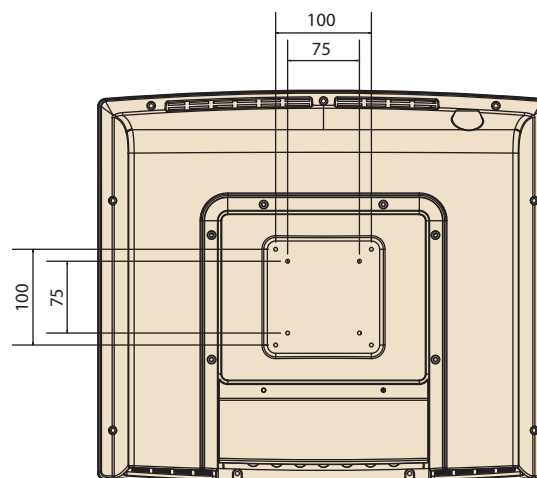
Dimensions

Unit: mm



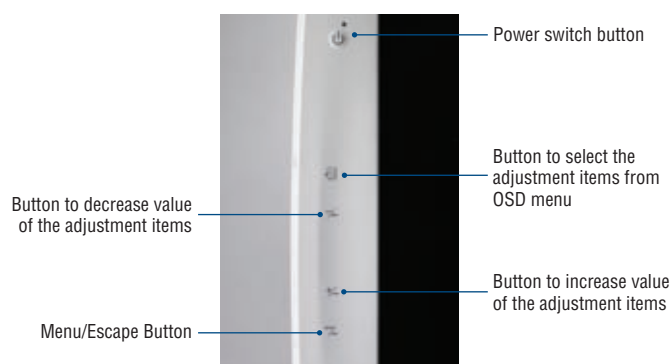
Mounting

Unit: mm



VESA: 75 x 75 mm ; 100 x 100 mm

PDC-190



Ordering Information

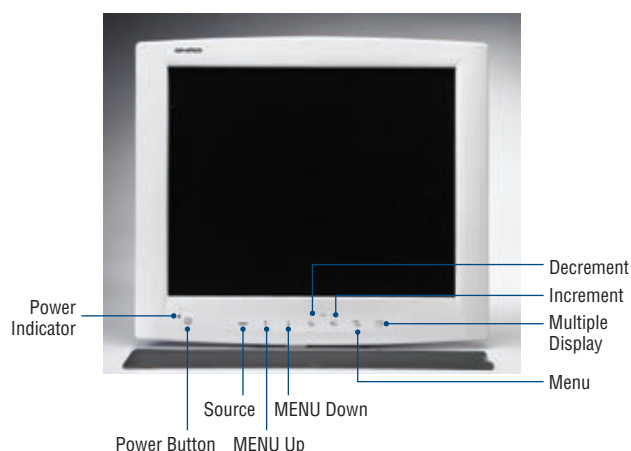
Part Number	Touch Panel	AR Glass	SD/HD Video input
PDC-190E	-	Yes	-
PDC-190-TE	RES.TS	-	-
PDC-190SE	-	Yes	Yes
PDC-190S-TE	RES.TS	-	Yes

Accessories

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

* This accessory goes with the T Part Number. Please contact Advantech sales for more details.

PDC-190S



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 cord 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

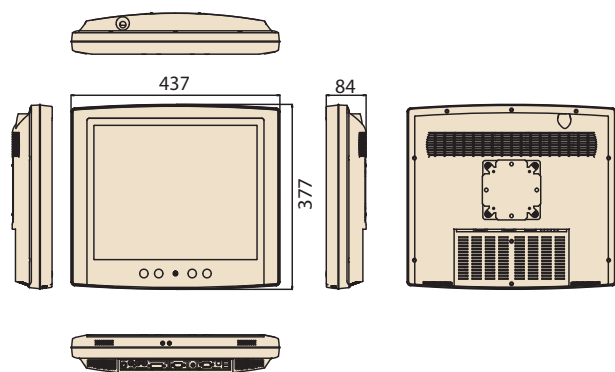


Specifications

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		
	Backlight lifetime	50,000 hours		
I/O Ports		PDC-170S-TE	PDC-170-TE	PDC-170E
	Video Input Port			
	Composite	-	-	-
	S-Video	mini DIN-4 x1	-	-
	YPbPr	RCA x3	-	-
	DVI	DVI-Dx1	DVI-Dx1	DVI-Dx1
	VGA	HD15 x1	HD15 x1	HD15 x1
	Audio/ USB hub/Power			
	Line-in	phone jack x1	phone jack x1	phone jack x1
	USB downstream	type A x2	type A x2	type A x2
	USB upstream	type B x1	type B x1	type B x1
	DC power connector	DC jack x1	DC jack x1	DC jack x1
	RS-232C communication Port			
	TS controller	DB9 x1	DB9 x1	-
Speakers		1 W speakers x 2		
Power Supply		Universal AC/DC adapter (SINPRO model no. MPU50-108)		
	Input voltage	100 ~ 240 V _{AC} , 47 ~ 63 Hz		
	Output voltage	+12 V _{DC} , 3.75A max. (45 watts)		
Optional Touchscreen	Type	Analog Resistive		
	Resolution	Continuous		
	Light transmission	75%		
	Controller	RS-232 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/20G half sine, 11 msec duration		
	Water/dust Resistance	IPX1 for whole system		
Physical Characteristics	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)		

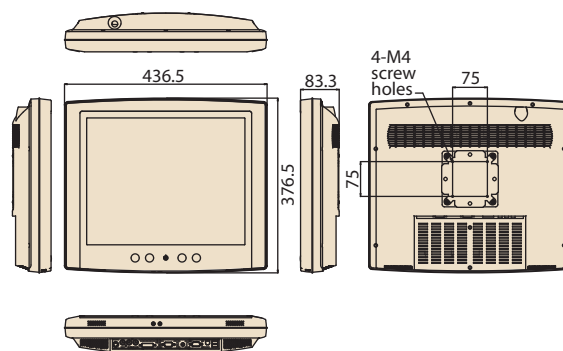
Dimensions

Unit: mm

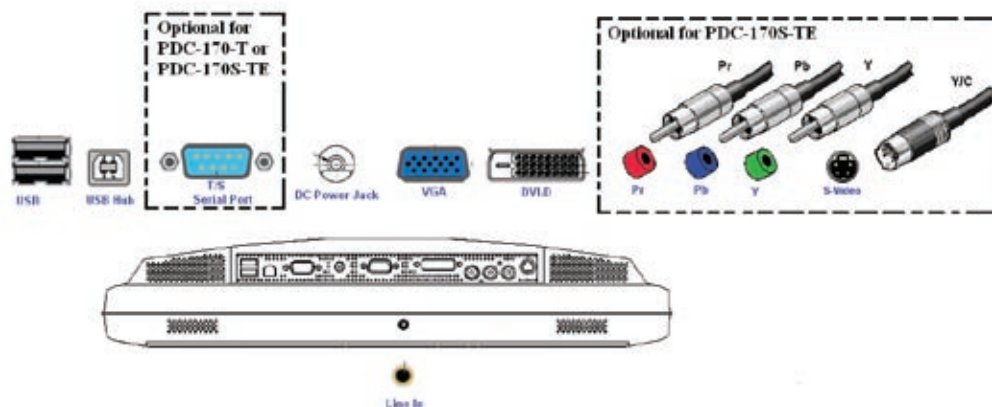


Mounting

Unit: mm



VESA: 75 x 75 mm



Ordering Information

Part Number	Touch Panel	AR Glass	SD Video input
PDC-170E	-	Yes	-
PDC-170-TE	RES.TS	-	-
PDC-170S-TE	RES.TS	-	Yes

Accessories

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

* This accessory goes with the T Part Number. Please contact Advantech sales for more details.

Packing List

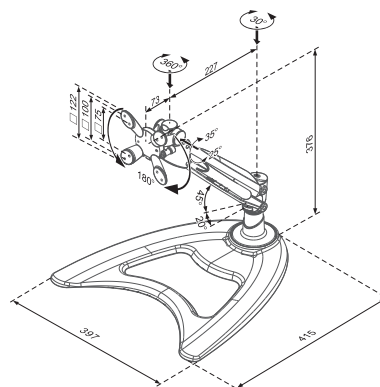
Description	Quantity
EMI core for power cord & RS-232 port	2
AC 45W SPS MPU50-108 W/PFC 100-240	1
Audio Cable, 1.5M	1
DVI-D Cable, 2M	1
USB Cable, 1.8M	1
D-Sub VGA cable, 1.8M	1
Advantech 2-year warranty card	1
Startup manual	1
CD-ROM for PDC-170 series Driver & Utility	1
China RoHS report	1
User manual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

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

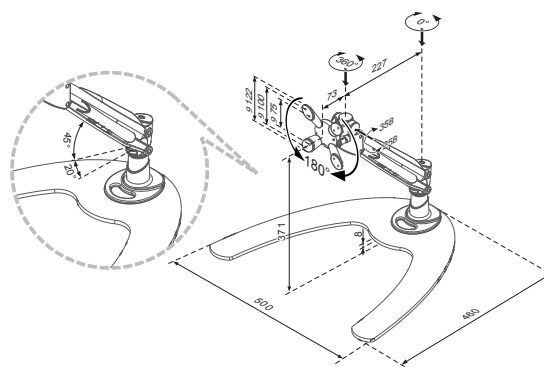
Acce



*Net weight: 6.6 K.G



*Net weight: 9.1 K.G



Desktop stand for POC-155 and POC-S155

Power adapter bracket for POC-S155 and POC-S175



Power Cable USA 125V 10A 1.83M

Power Cable EUROPEAN 250V/6A 1.8M

802.11 a/b/g WLAN card through a mini PCI interface

- Applies to POC-195, POC-175, POC-155, POC-S155, POC-S175, and POC-S195



Stylus pen set

802.11 b/g/n WLAN card through a mini PCI-E interface

- Applies to POC-196, POC-176, POC-S196, and POC-S176

* For WLAN modules, please contact Advantech sales for more detail