

OFPC-215 Series

Open Frame Panel Computer with 15" LCD Touch Panel



Features

- 15" high brightness TFT LCD with 1024 x 768 resolution
- Touch panels provide options, including SAW, Capacitive, Resistive, SAW for Vandal proof, and strengthened Glass
- Computer system boxes provides SBC options of Pentium III CPUs up to 1.26 GHz (OFPC-215-77) and VIA low power processor or Ezra 800 MHz (OFPC-215-75)
- Attachable and detachable LCD touch panels in different sizes and different levels of SBC systems
- On Screen Display (OSD) for quick display adjustment

Introduction

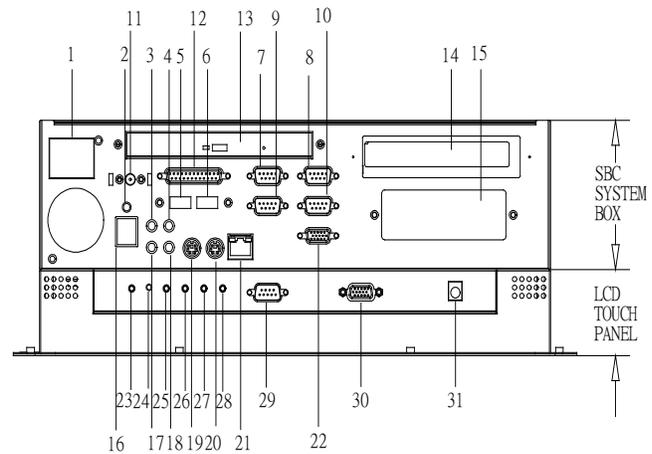
Advantech's Open-Frame Panel Computer is a LCD touch panel monitor with a computer system box joined together. It has no faceplate and is ideal for integration into a large and more complex system. Both the LCD touch panel kit and computer system box is selectable for specialization in different applications.

Specifications

- OFPC-215-77 is the integration of ES-3115 Series and ES-200-9577
- OFPC-215-75 is the integration of ES-3115 Series and ES-200-9575

15" LCD Touch panel (ES-3115 series)			
LCD	Inch size	15" XGA (1024x768) color LCD	
	Color bits	36-bit or 262144 color	
	Signal style	TTL, active matrix	
	Luminance	250 cd/m2	
	Viewing angle	60° Left / Right	
Touch Panel	Touch style	Options w/ Capacitive, Resistive, SAW, Vandal-proof for SAW and Glass	
	Touch control	RS232 interface	
Weight	Kg	3.5	
SBC integrated system (ES-200 series)			
SBC Board		ES-200-9577	ES-200-9575
	Mother board	PCM-9577F-00A1	PCM-9575F-J0A1
	CPU grade	Pentium III up to 1.26 GHz	VIA Ezra 800 MHz
	Ram module	SDRAM, PC-133, DIMM 168 Pin x1, supports up to 512 MB	
Power	AC 100~240 V	180 W output AC Input voltage 100~240 V, 4 - 2 A, 50-60 Hz DC output: 3.3 V=16.8 A, 5 V=12 A, 12 V=10A, 5 Vsb=2 A, -12 V=0.8 A	

Fully Integrated I/O

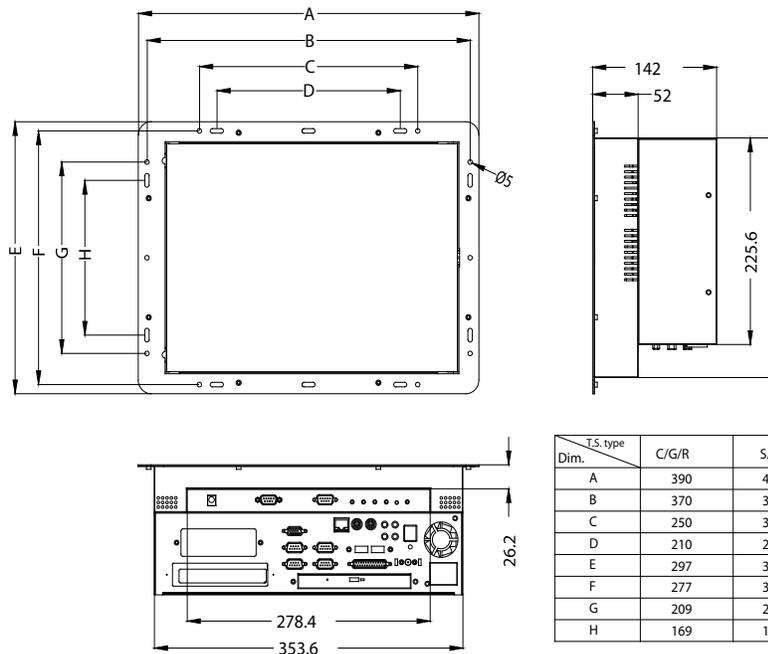


1. AC-in	2. PWR. LED (CPU BOX)
3. Microphone	4. Line-out
5. USB1	6. USB 2
7. COM 1	8. COM 2
9. COM 3	10. COM 4
11. DC-output (12VDC)	12. LPT
13. CD-ROM	14. PCI extension window
*15. Extension window	16. PWR button. (CPU BOX)
17. Speaker	18. Line-in
19. K/B	20. MOUSE
21. LAN	22. VGA (CPU BOX)
23. PWR. (LCD)	24. PWR. LED (LCD)
25. AUTO TUNE	26. Selection UP
27. Selection DOWN	28. Selection MENU
29. COM (LCD)	30. VGA (LCD)
31 DC-in 12 (VDC)	

Note:*

An opening window for easier extension of special features on SBC

Dimensions



unit= mm

Specifications cont.

HDD	3.5" Desktop style	Two 3.5" HDD bays
Expansion	PC/104 or PCI	One half-length PCI card and one PC/104 slot available
IO Ports	Serial port	3 x RS232, Touch control on COM 4 and one RS 422/485 at COM 2
	DC - out	DC 12 V to support LCD monitor
	Display	VGA standard
	Printer	One parallel port(supports ECP/EPP)
	USB port	Two USB ports
	LAN port	100Base-T x 1
	KB/Mouse	PS2 Keyboard and mouse ports
	Multimedia	MIC-in, SPK-out, Line-in/out, CD-audio in
Weight	Kg	5 Kg fully equipped
Option 1	CD-ROM	Either for CDROM/CDRW/COMBO
Option 2	Giga Lan	Select PCM-9577FG for Giga LAN
Option 3	Mounting	Panel mount or VESA mount as option
Option 4	2nd HDD	A second 3.5" HDD is adaptable.
Option 5	SBC	Can select serial SBC from its original extension

Environmental Specifications

- Operating Temperature: 0 ~ 45°C (32 ~ 113°F)
- Relative humidity: 10 ~ 95% @ 40°C non-condensing
- Vibration: 0.5G three dimensional for 60 min duration.
- Shock: 10G peak acceleration (11 msec. duration)
- Safety: Certificate with UL/CE
- EMI/EMC : Certificate with FCC/CE class A

Ordering Information

- ❑ **OFPC-215C-77**
ES-3115 15" LCD with Capacitive touch panel and ES-200-9577
- ❑ **OFPC-215S-77**
ES-3115 15" LCD with SAW touch panel and ES-200-9577
- ❑ **OFPC-215R-77**
ES-3115 15" LCD with Resistive touch screen and ES-200-9577
- ❑ **OFPC-215G-77**
ES-3115 15" LCD with strengthened glass and ES-200-9577
- ❑ **OFPC-215V-77**
ES-3115 15" LCD with SAW Vandal-proof touch panel and ES-200-9577
- ❑ **OFPC-215C-75**
ES-3115 15" LCD with Capacitive touch panel and ES-200-9575
- ❑ **OFPC-215S-75**
ES-3115 15" LCD with SAW touch panel and ES-200-9575
- ❑ **OFPC-215R-75**
ES-3115 15" LCD with Resistive touch panel and ES-200-9575
- ❑ **OFPC-215G-75**
ES-3115 15" LCD with strengthened glass and ES-200-9575
- ❑ **OFPC-215V-75**
ES-3115 15" LCD with SAW Vandal-proof touch panel and ES-200-9575

Optional Items

OFPC-215 Series offers interchangeable LCD touch panels and CPU systems to fit with users' applications.

- ❑ **17" LCD touch panels**
OFPC-317 series: Exchange 15" LCD touch panel to 17" LCD touch panel
- ❑ **ES-300 SBC system boxes**
2 slots for PCI card expansion