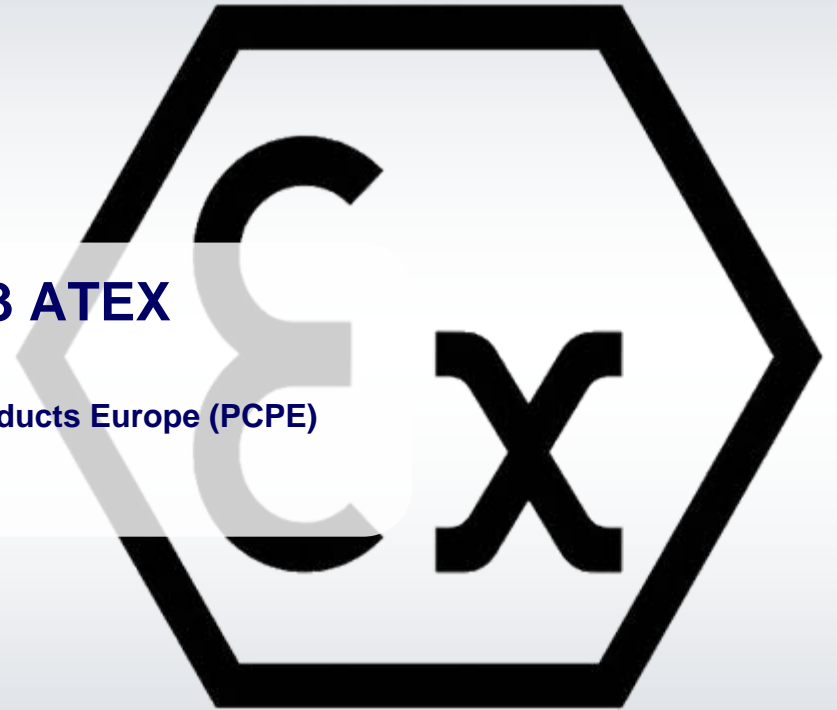




CF-19mk3 ATEX

Panasonic Computer Products Europe (PCPE)



ATEX in general

ATEX



IN GENERAL

The Directive ATEX is named after the French "**AT**mospheres **EX**plosives" and has been mandatory from 1st July 2003.

The Directive covers a surprisingly large range of equipment, potentially including equipment used on fixed offshore platforms, in petrochemical plants, mines, flour mills and other areas where a potentially explosive atmosphere may be present.

ATEX Zones

Zones:

Zone 0 — An atmosphere where a mixture of air and flammable substances in the form of gas, vapor or mist is present frequently, continuously or for long periods.

Zone 1 — An atmosphere where a mixture of air and flammable substances in the form of gas, vapor or mist is likely to occur in normal operation occasionally.

Zone 2 — An atmosphere where a mixture of air and flammable substances in the form of gas, vapor or mist is not likely to occur in normal operation but, if it does occur, will persist for only a short period.

ATEX temperature

Temperature Classes:

T1	450⁰ Celsius	max. permissible temperature at the surface
T2	300⁰ Celsius	
T3	200⁰ Celsius	
T4	135⁰ Celsius	
T5	100⁰ Celsius	
T6	85⁰ Celsius	

CF-19mk3 ATEX Specifications

CF-19mk3 ATEX

Processor	Core Duo 2 SU9300 (1.2GHz)
RAM	2GB/max. 4GB
HDD	160GB (shock mounted)
Bluetooth	V2.0 + EDR (class 1)
LAN	10/100/1000 MBit Ethernet
W-LAN	802.11 a/b/g/n (up to 300MBit)
WWAN	HSDPA (7.2 Mps) optional
GPS	Not available
Interfaces	Serial, 2x USB, IEEE 13394a (Firewire), Port Replicator
Display	10.4" XGA (1.000cd Touchscreen)
Keyboard	82 keys
Battery Life	10 hours (Windows XP, Mobil Mark 2007, 60cd)
Cabinet	Full Magnesium alloy
Ruggedness	Fully Rugged
Dimensions	271mm x 49mm x 216mm
Weight	2.3kg
Operating System	Windows 7 Professional or Windows XP Professional Downgrade



CF-19mk3 ATEX special items

- Special Battery Pack
- Special Leather Case
- Explosion-proof Standard and Certification number
- Caution Labels
- Special Hand Strap

CF-19mk3 ATEX Battery



- **New battery pack (CF-VZSU50W)**

Fixed with metal plate and screw before shipping in configuration process.

Customer need a screw driver to change the Battery.

- Customer can **not** use standard Battery CF-VZSU48

- After insertion of batteries, CF-19 ATEX must be delivered to the end customer within 3 month

- Customer must recharge the batteries latest 4 months after delivery to retain battery performance.

CF-19mk3 ATEX Leather Case

- Special Leather Case designed for CF-19 ATEX (CF-VNB1901)
- Durability of Leather Case: 2 years (depend on frequency of usage)
- Warranty of Leather Case: 1 year
- One Leather Case is packaged with Main Unit, additional has to be ordered seperately.
- No Tablet Auto detection when leather case is mounted. Use Tablet Rotate Switch manually
- No support for 90cm (3ft) drop. Maybe cause LCD Hinge damage

Push the Rotation Button to rotate the display.



CF-19mk3 ATEX Certification

			Gas			
			IIC	IIB	IIA	Undefined
			3	31	127	68
Code	$t_{(c)}$	Tota				
T1	450	64	hydrogen	27 kinds	122 kinds	65 kinds
T2	300	76	acetylene			
T3	200	63				
				dibutyl ether tetrafluoroethylene	ethyl methy ether trimethylamine benzaldehyde	isobutyladehyde dihexyl ether
T3A	180	7				
T3B	165	3		dioxane	acetalhyde	propyl nitrate
T3C	160	0				
T4	135	1				
T4A	120	0				
T5	100	1	carbon Disulfide			
T6	85	1			ethyl nitrite	
Undefined		11				

Temperature

CF-19mk3 w/o HSDPA

CF-19mk3 w/ HSDPA

CF-19mk3 ATEX Caution labels



CF-19mk3 ATEX Restrictions

Restrictions in Hazardous Area Imposed by ATEX

Items	Restrictions
Card Slot	PC card, Express card: can not use SD card: can not use SIM card: cannot insert or remove
External Interface	Do not use all ports, jacks and/or connectors (DC-IN, USB, IEEE1394, Modem, LAN, Headphones, Mic, Ex. Display, Serial, Expansion Bus Connector, Ex. Antenna)
Application of Leather Case	MUST



CF-19 Wireless Switch cannot operate when CF-19 is covered with Leather Case.

Wireless Switch

Thank you