

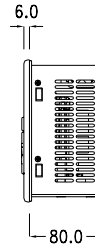
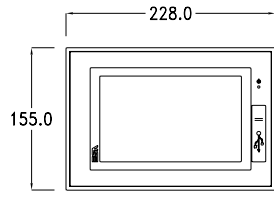


- IT Istruzioni per installazione
- EN Installation manual
- FR Instructions pour l'installation
- DE Installationsanweisung
- ES Instrucciones para instalación

XS7 SERIES

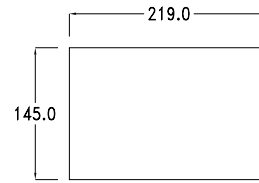
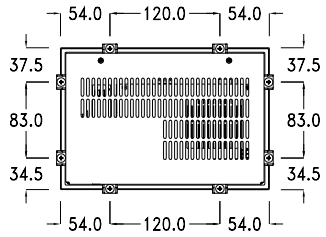
INDUSTRIAL PANEL PC

1



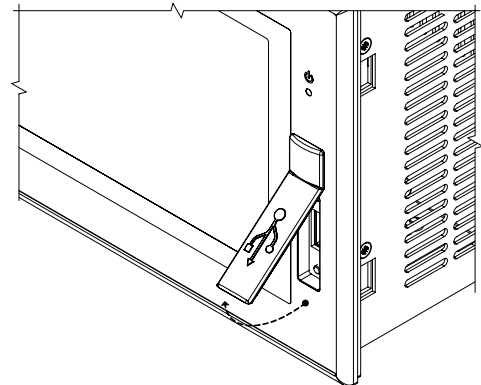
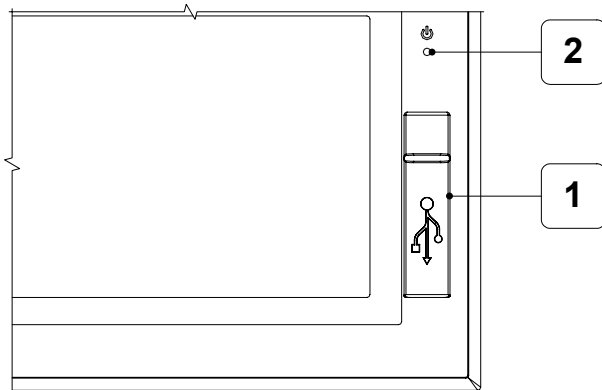
X
S
7
W
7

2



X
S
7
W
7

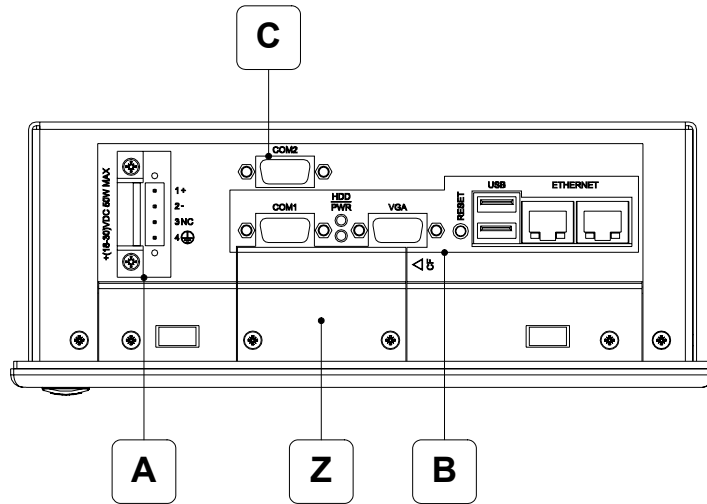
3



X
S
7
W
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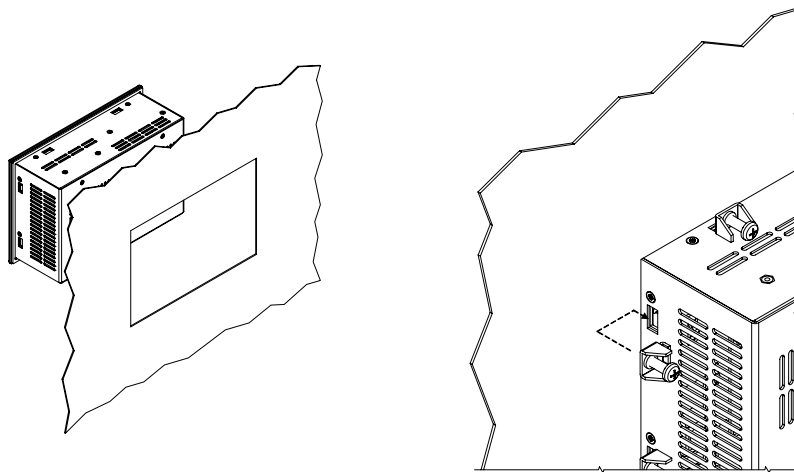
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X
S
7
W
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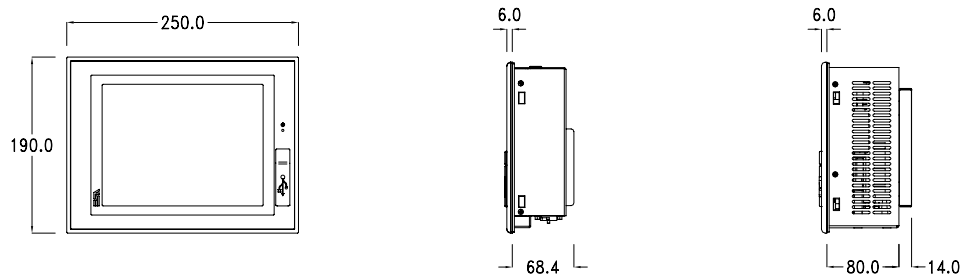
5

X
S
7
W
7



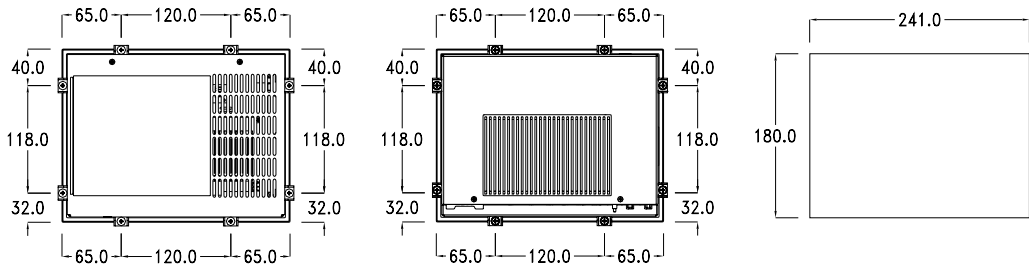
6

X
S
7
0
8



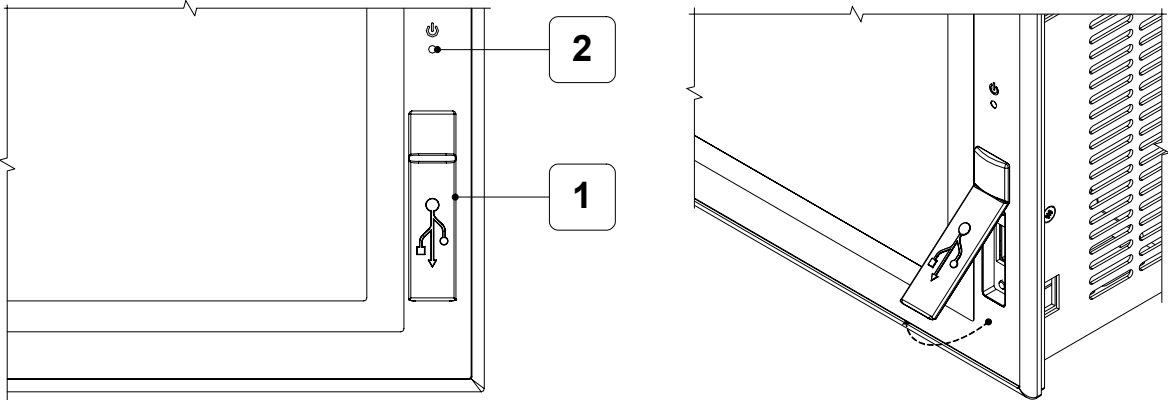
7

X
S
7
0
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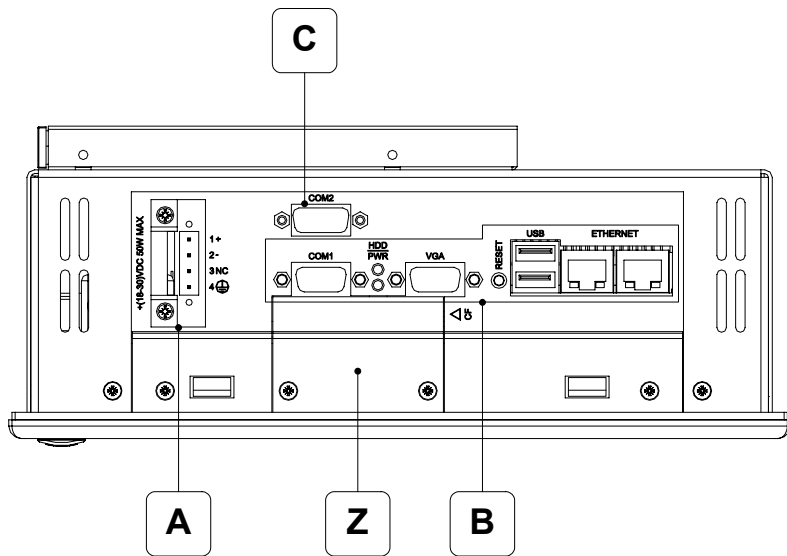
8

X
S
7
0
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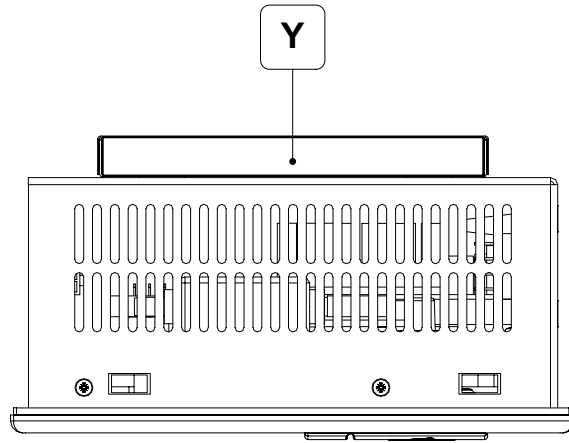
9

X
S
7
0
8
S
F
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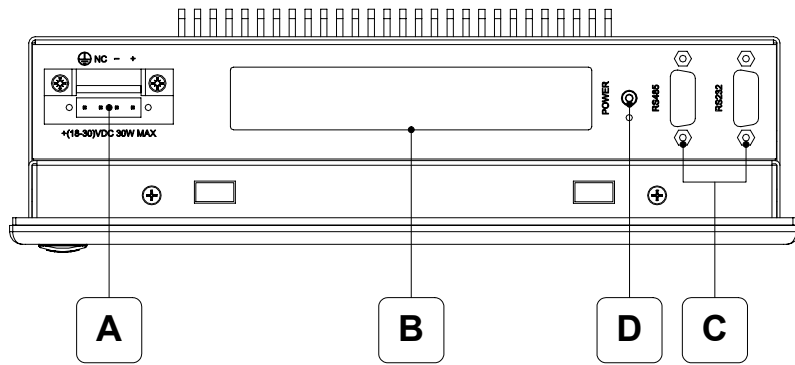
10

X
S
7
0
8
S
F
1



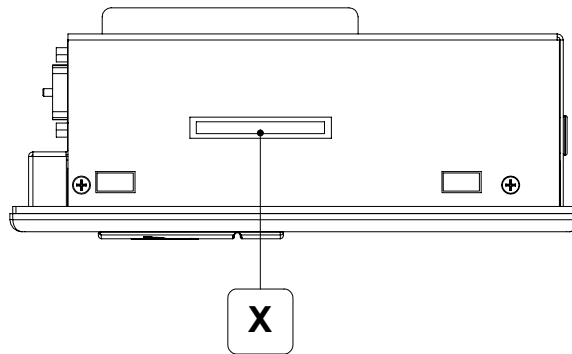
11

X
S
7
0
8



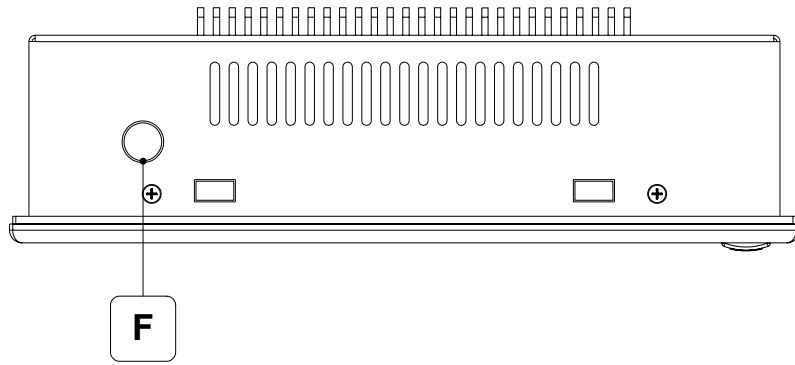
12

X
S
7
0
8



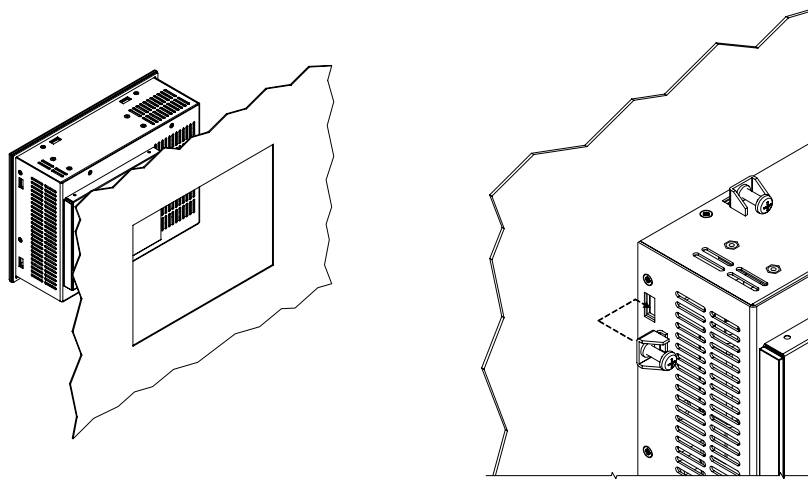
13

X
S
7
0
8



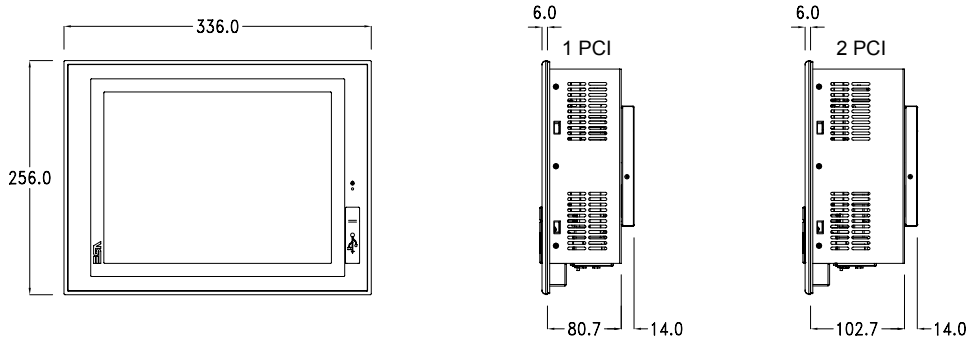
14

X
S
7
0
8



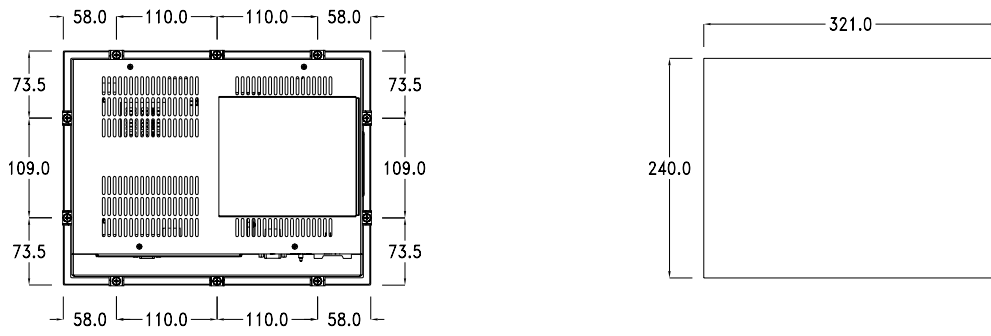
15

X
S
7
1
2
-
7
H
2



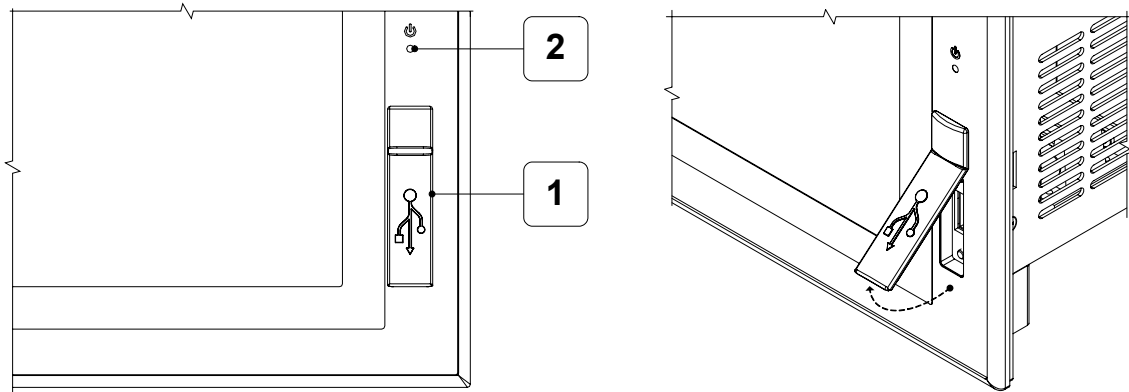
16

X
S
7
1
2
-
7
H
2



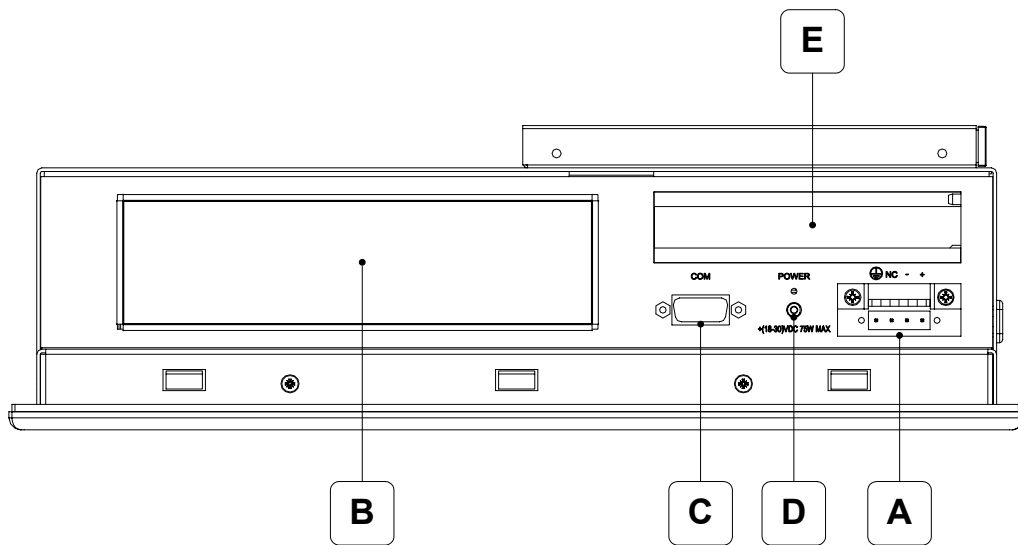
17

X
S
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1
2
-
7
H
2



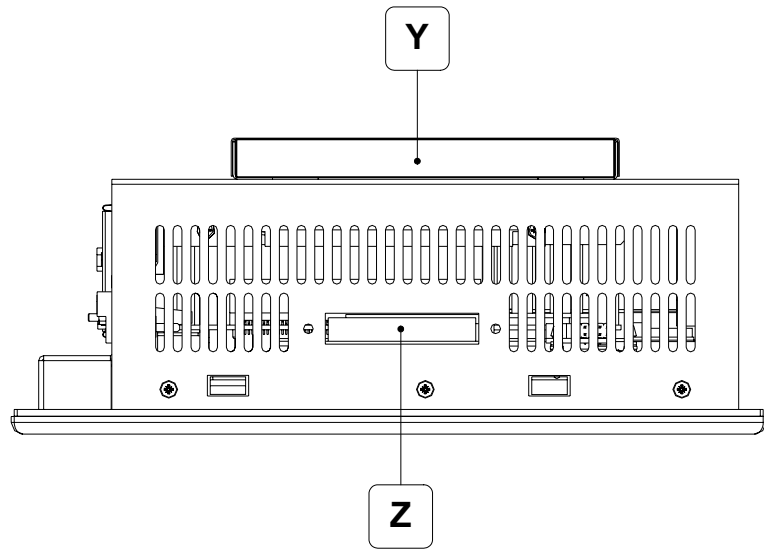
18

X
S
7
1
2
-
7
H
2



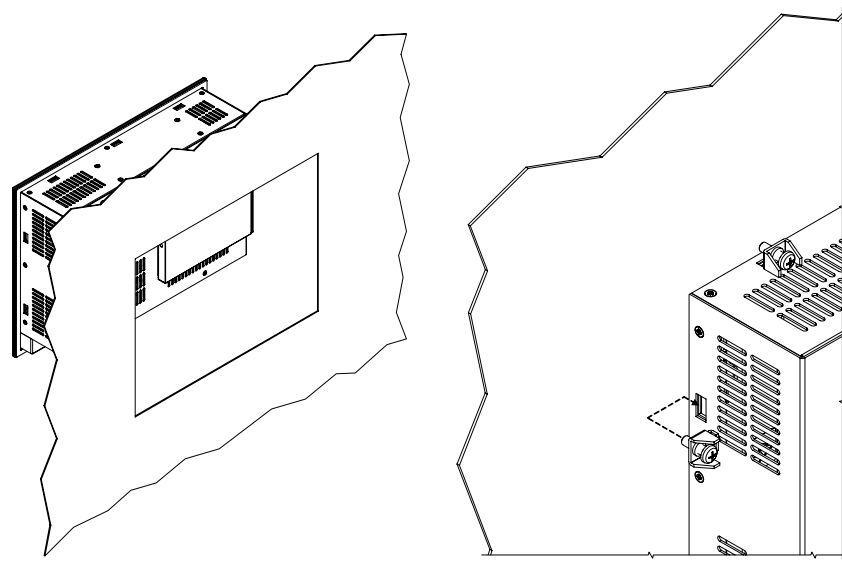
19

X
S
7
1
2
-
7
H
2



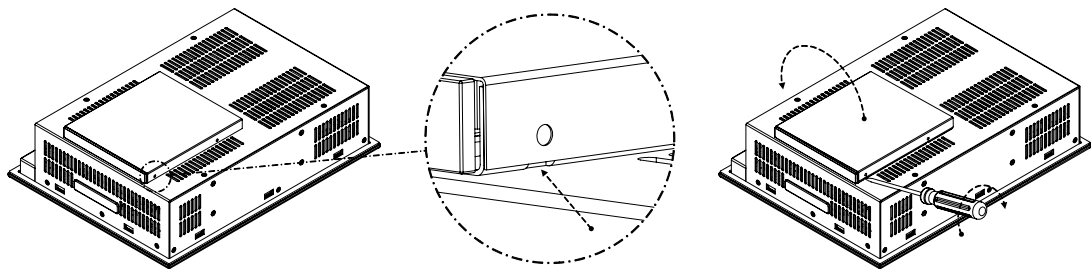
20

X
S
7
1
2
-
7
H
2



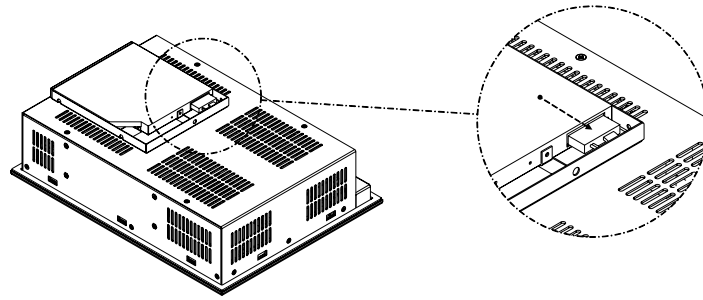
21

X
S
7
1
2
-
7
H
2



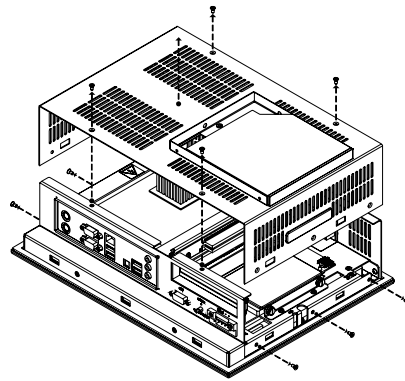
22

X
S
7
1
2
-
7
H
2



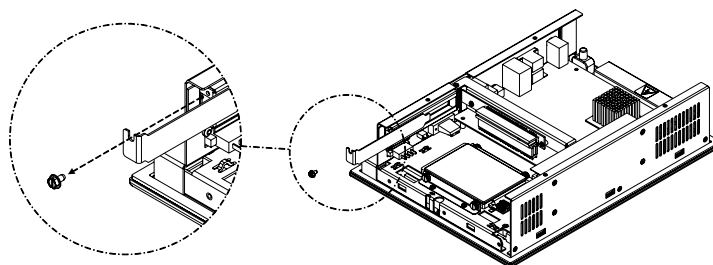
23

X
S
7
1
2
-
7
H
2



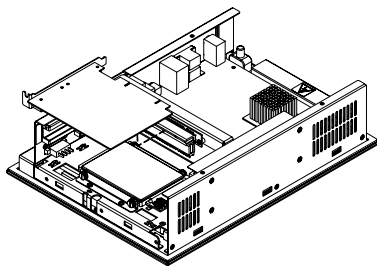
24

X
S
7
1
2
-
7
H
2



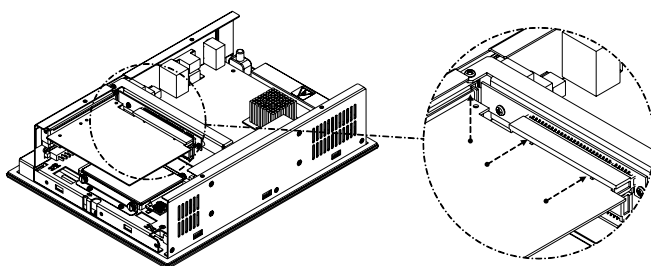
25

X
S
7
1
2
-
7
H
2



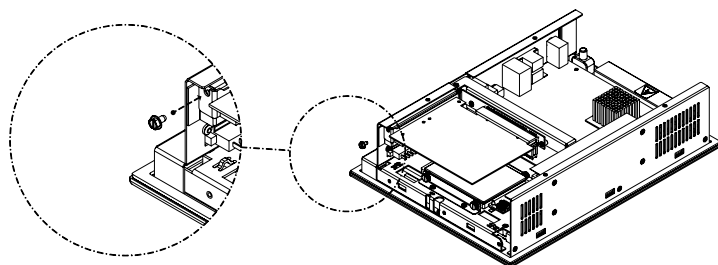
26

X
S
7
1
2
-
7
H
2



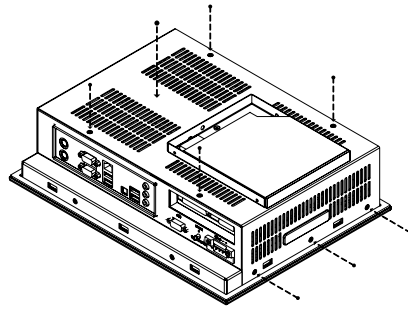
27

X
S
7
1
2
-
7
H
2



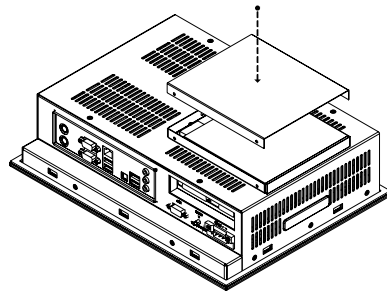
28

X
S
7
1
2
-
7
H
2



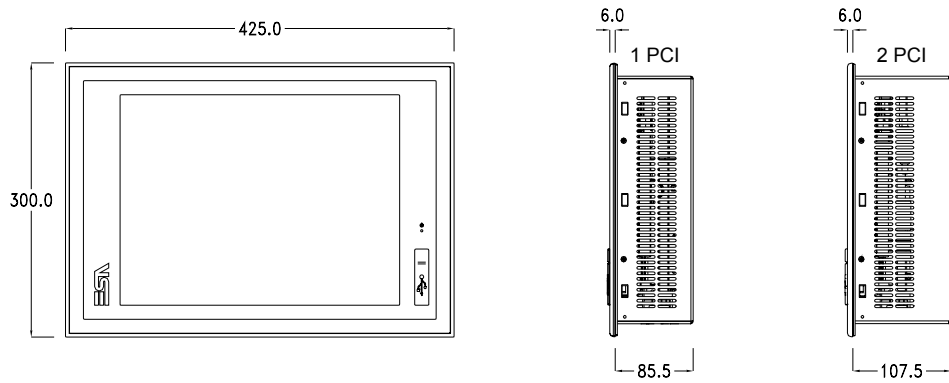
29

X
S
7
1
2
-
7
H
2

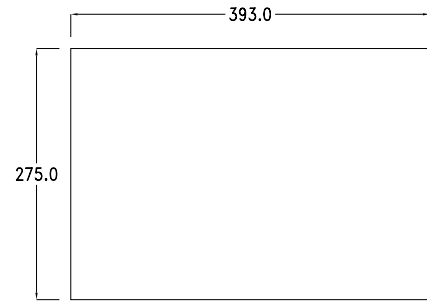
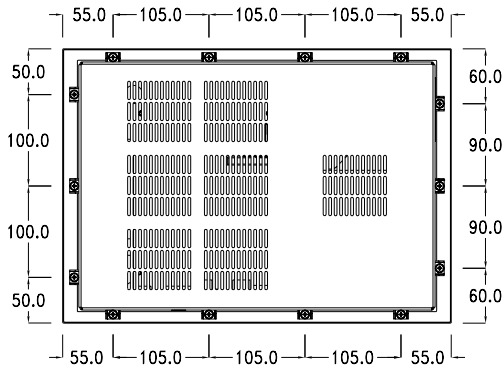


30

X
S
7
1
5

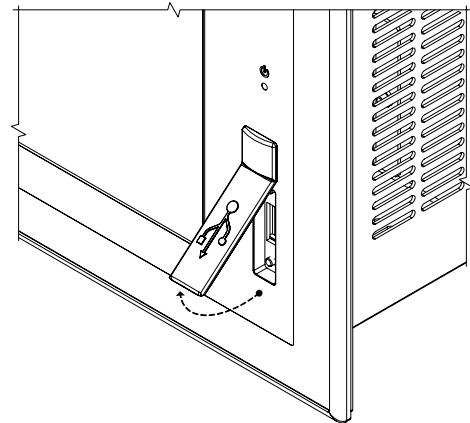
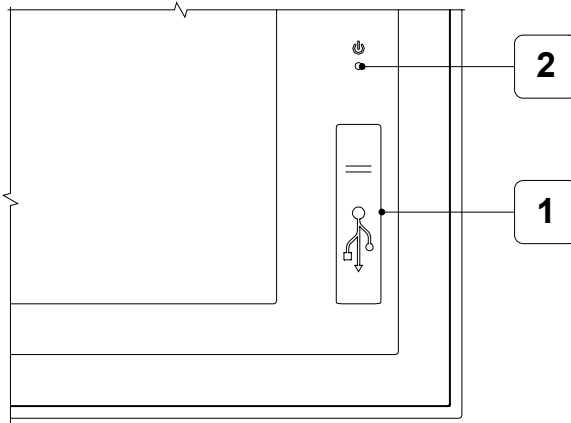


31



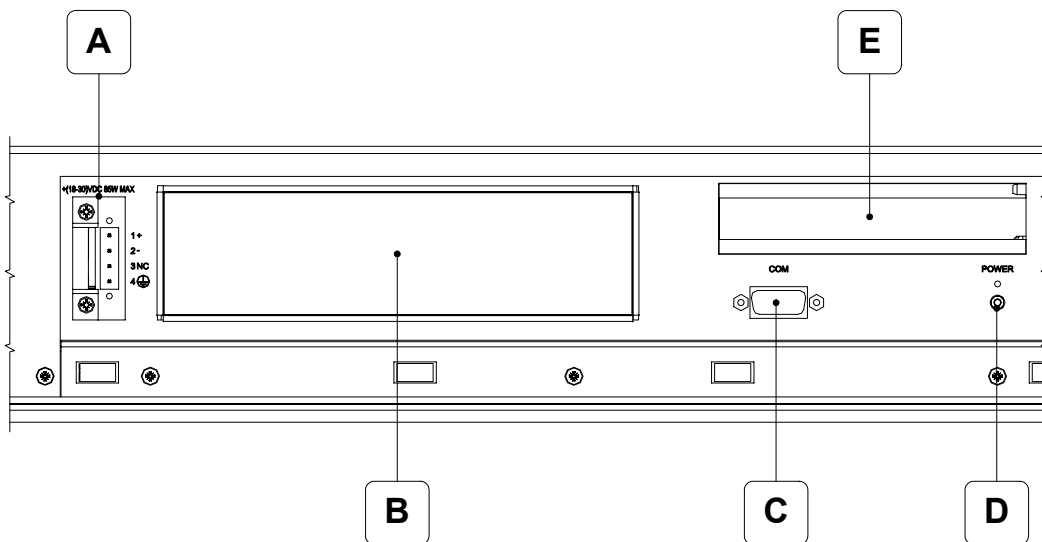
X
S
7
1
5

32



X
S
7
1
5

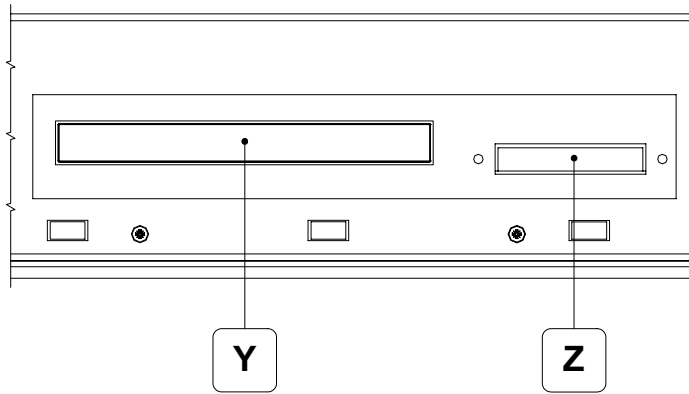
33



X
S
7
1
5

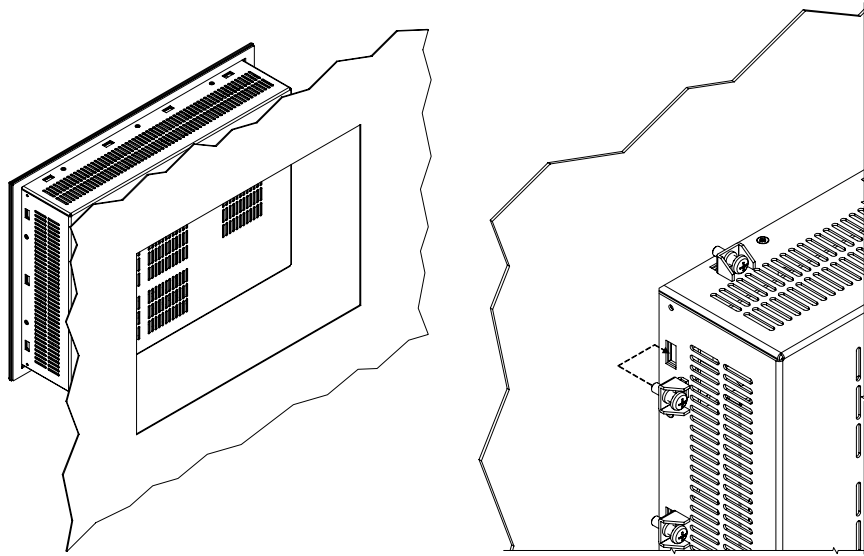
34

X
S
7
1
5



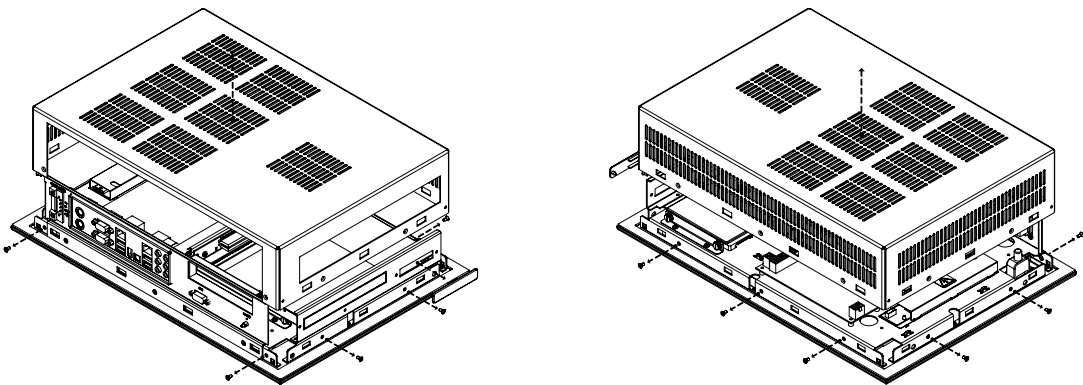
35

X
S
7
1
5

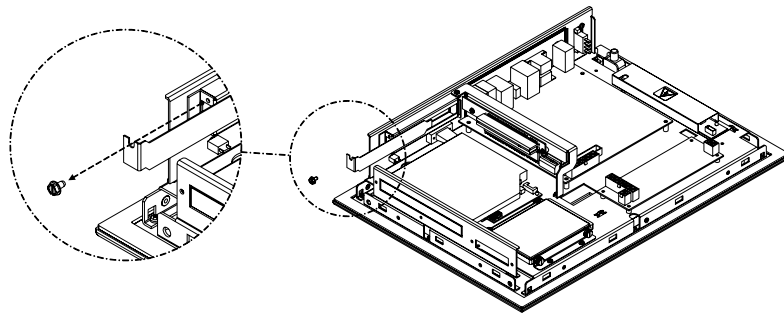


36

X
S
7
1
5

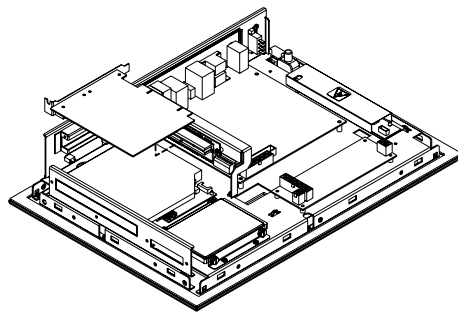


37



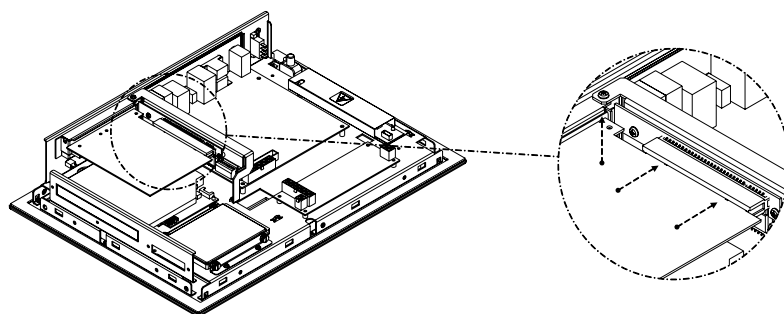
X
S
7
1
5

38



X
S
7
1
5

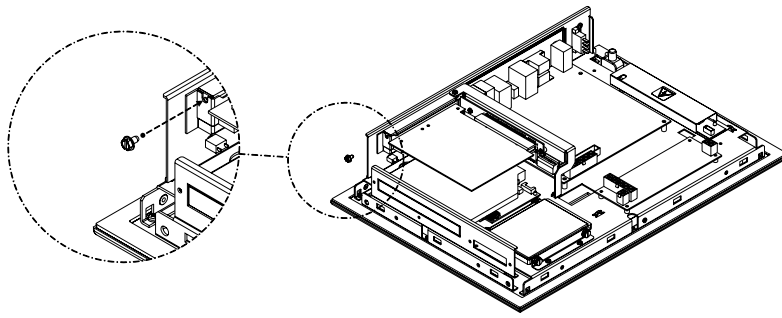
39



X
S
7
1
5

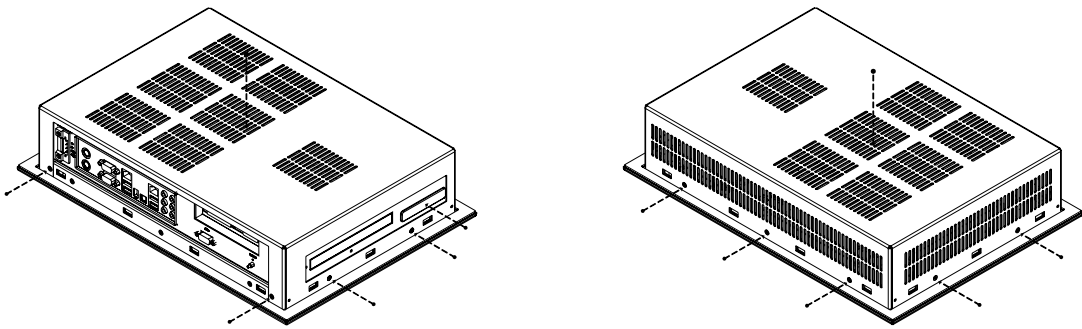
40

X
S
7
1
5



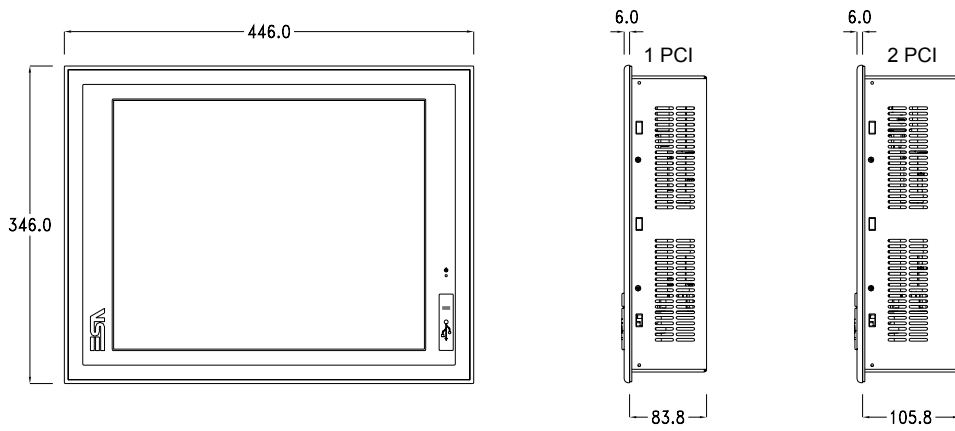
41

X
S
7
1
5

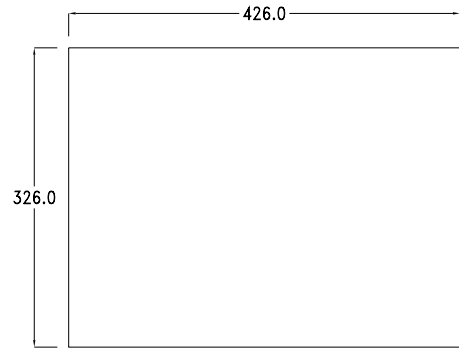
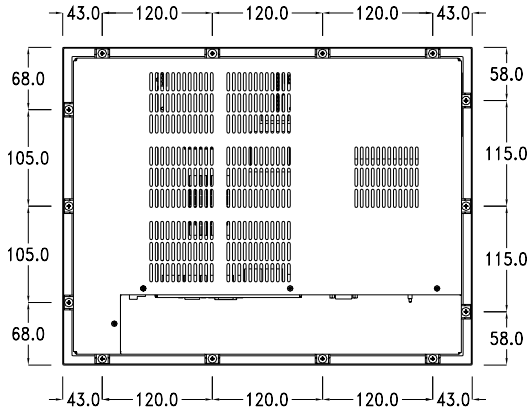


42

X
S
7
1
7

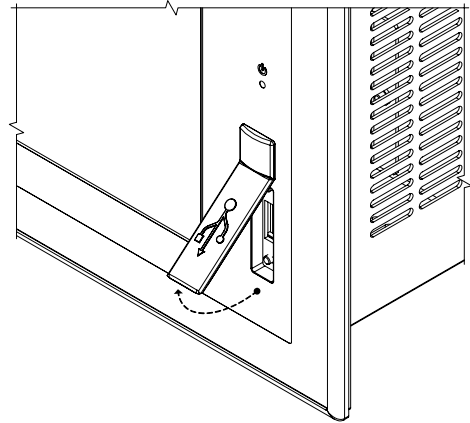
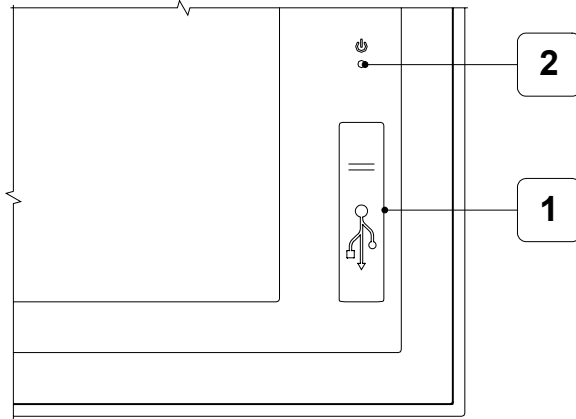


43



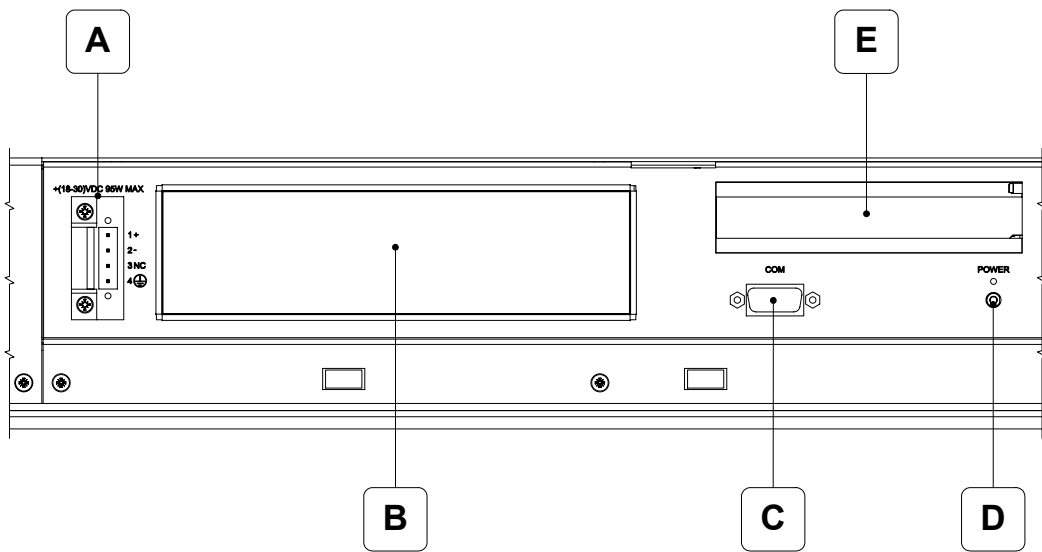
X
S
7
1
7

44



X
S
7
1
7

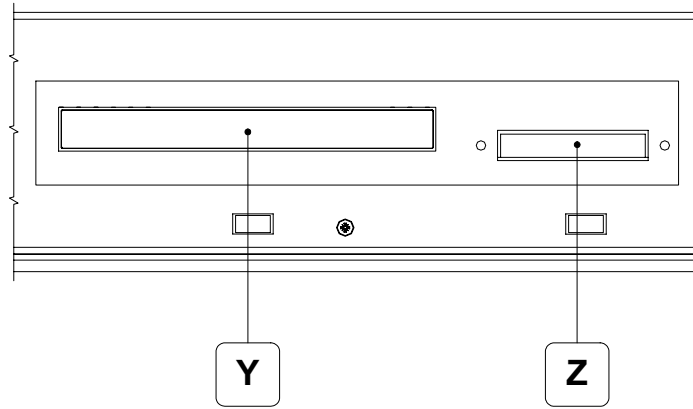
45



X
S
7
1
7

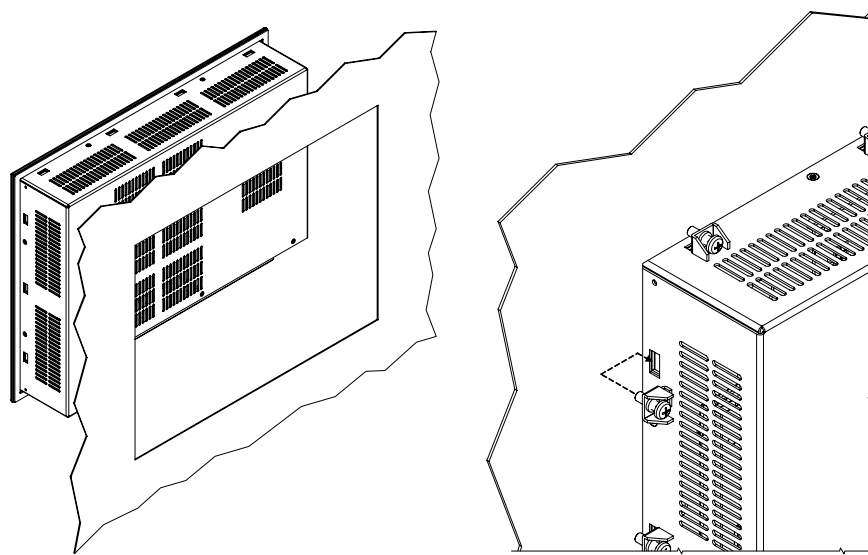
46

X
S
7
1
7



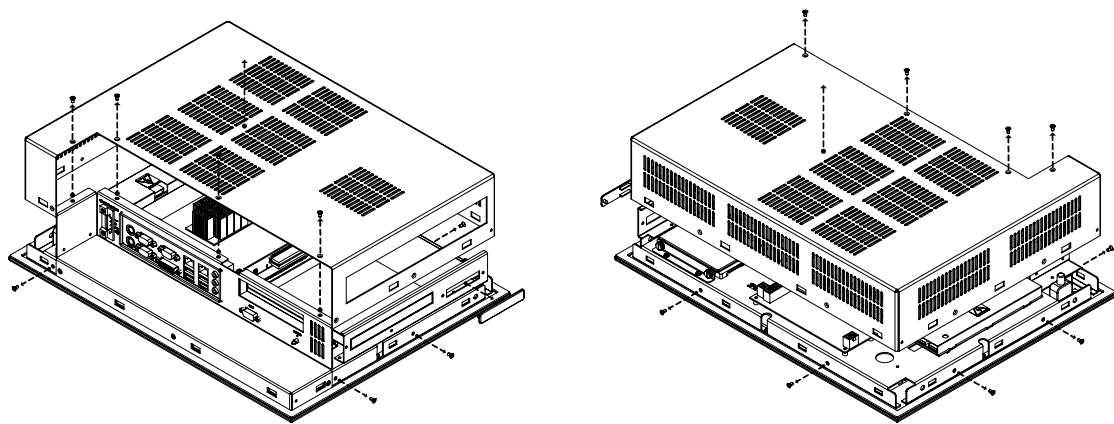
47

X
S
7
1
7

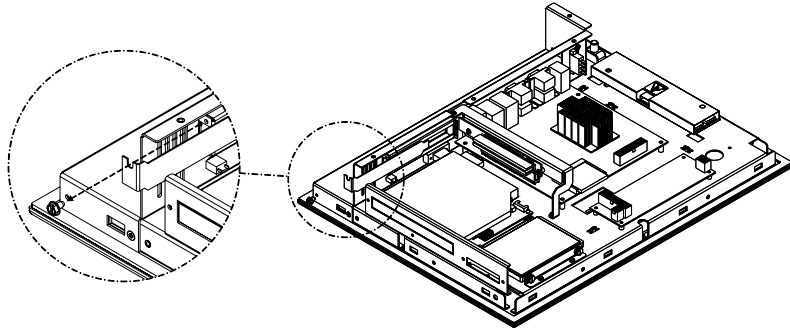


48

X
S
7
1
7

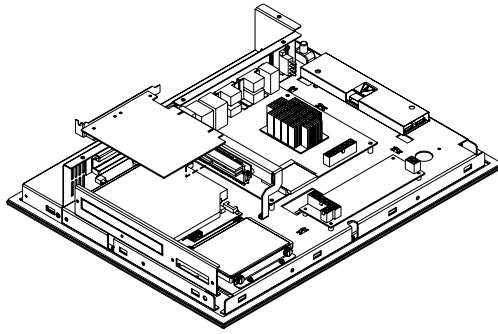


49



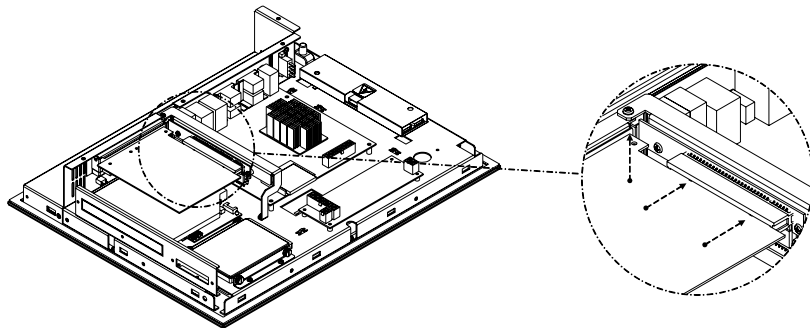
X
S
7
1
7

50



X
S
7
1
7

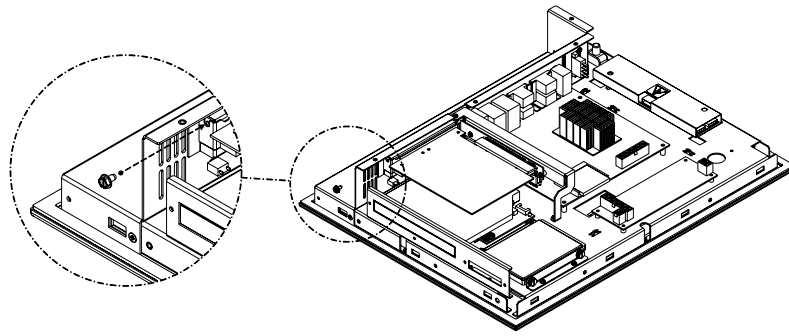
51



X
S
7
1
7

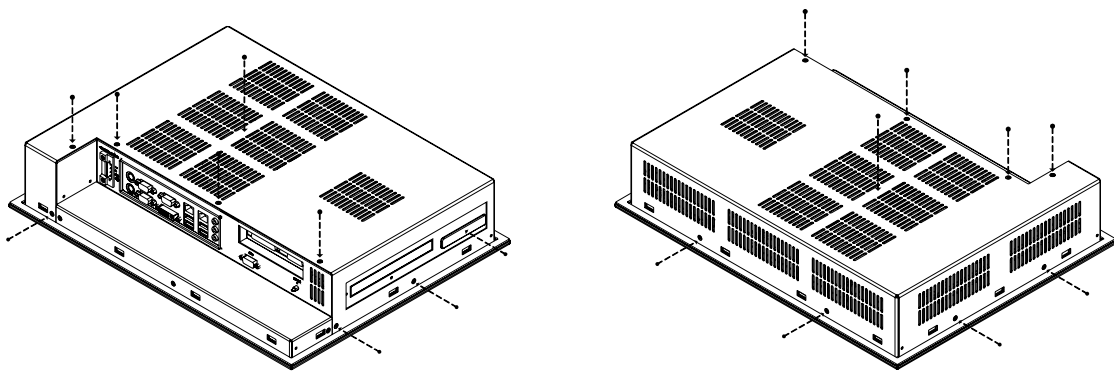
52

X
S
7
1
7



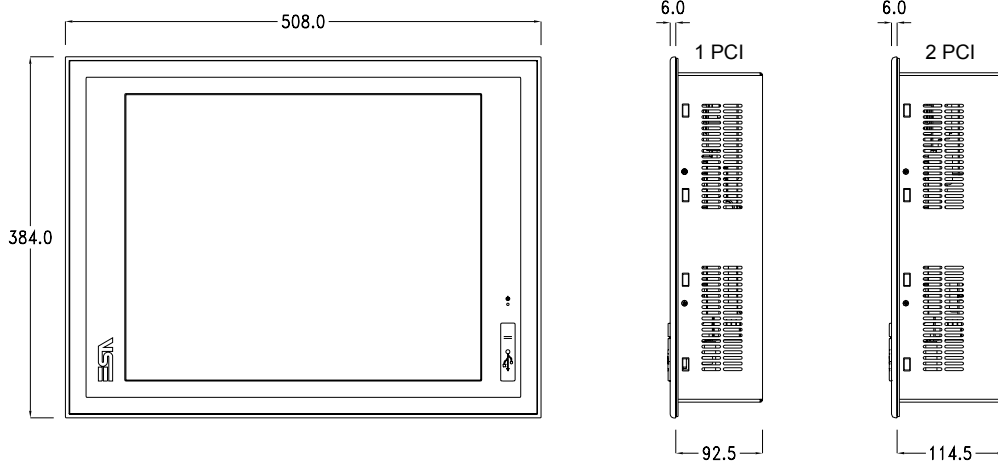
53

X
S
7
1
7

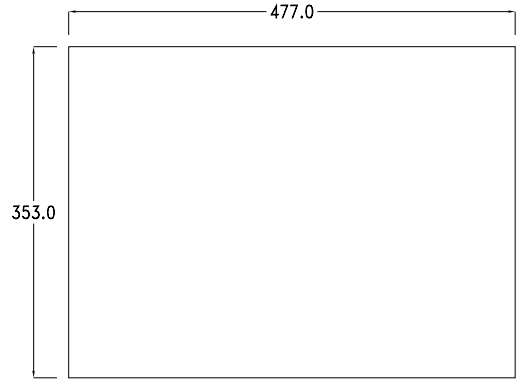
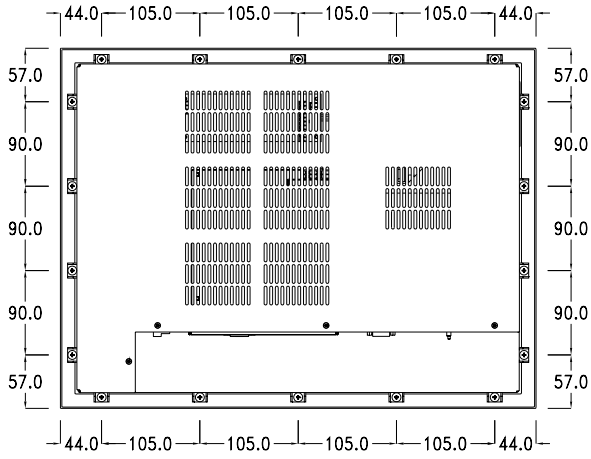


54

X
S
7
1
9

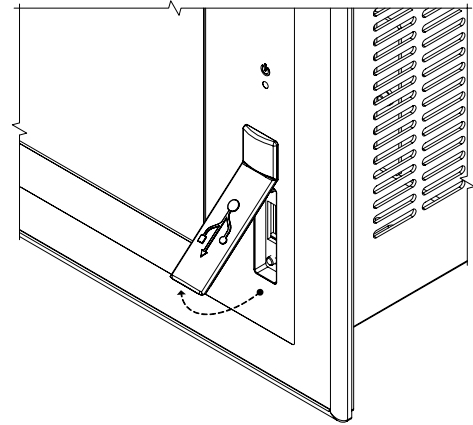
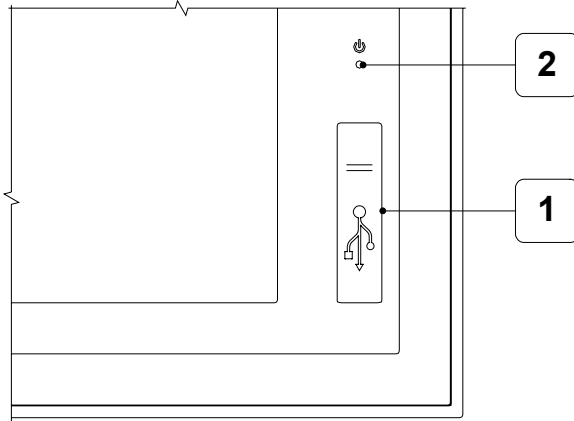


55



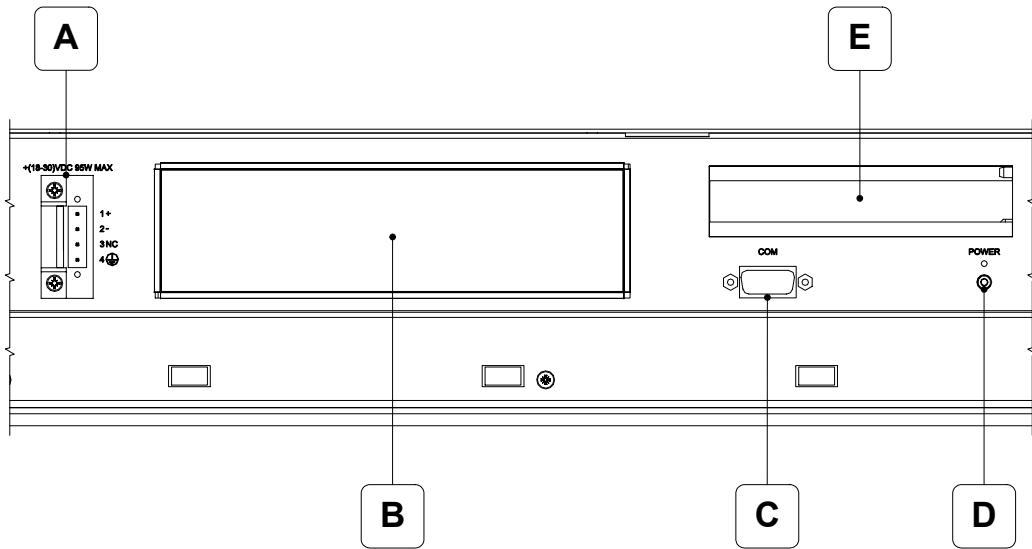
X
S
7
1
9

56



X
S
7
1
9

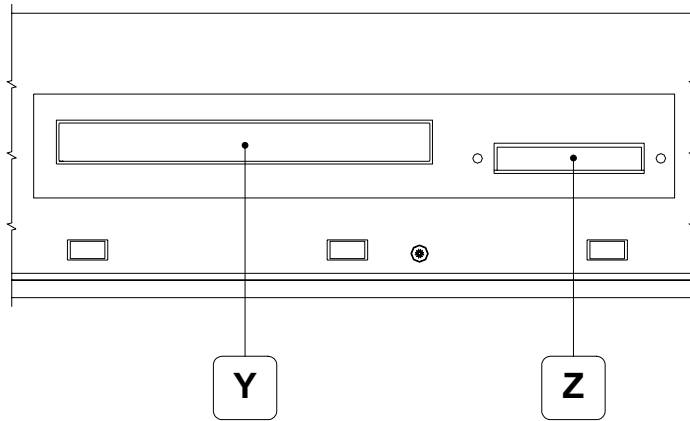
57



X
S
7
1
9

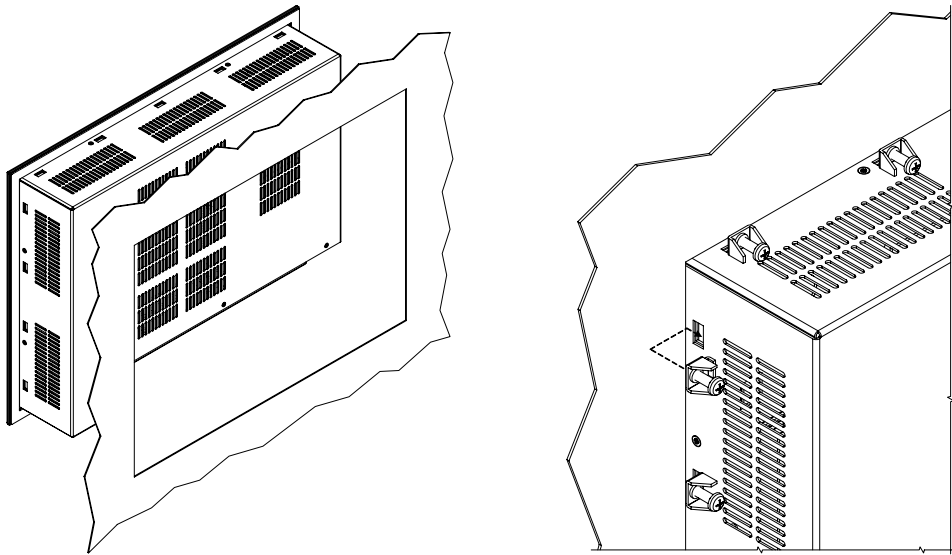
58

X
S
7
1
9



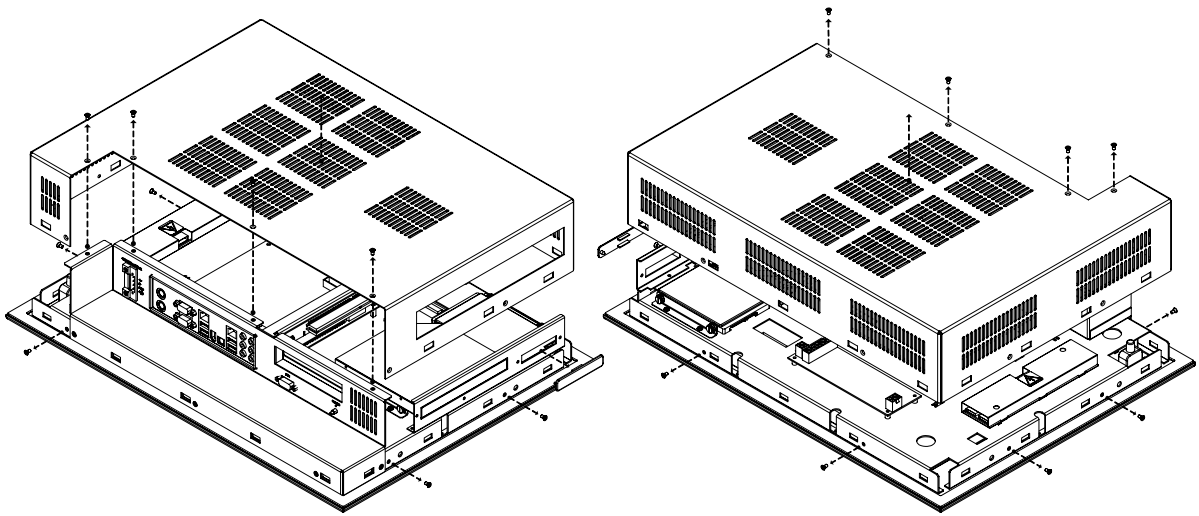
59

X
S
7
1
9

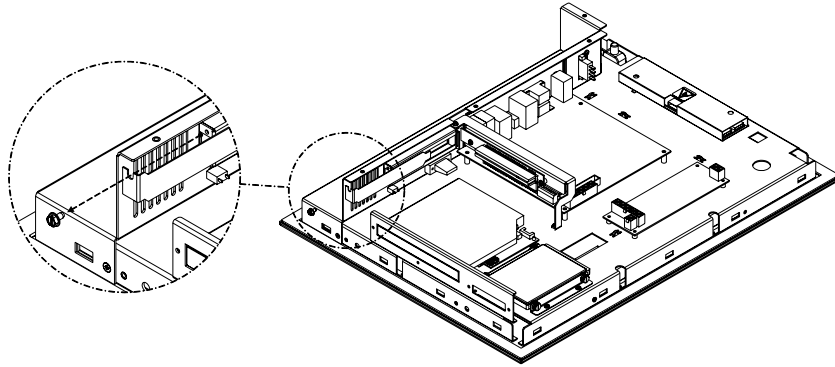


60

X
S
7
1
9

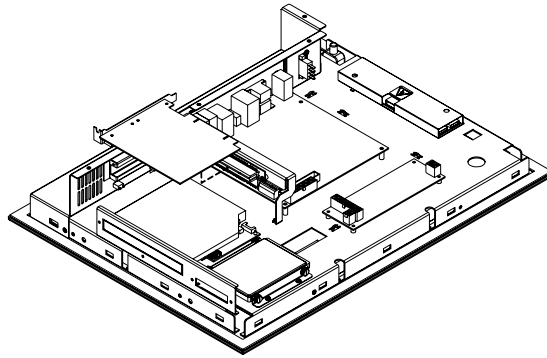


61



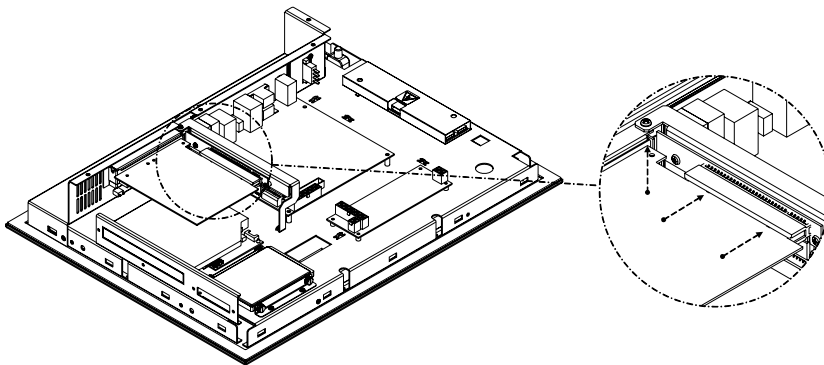
X
S
7
1
9

62



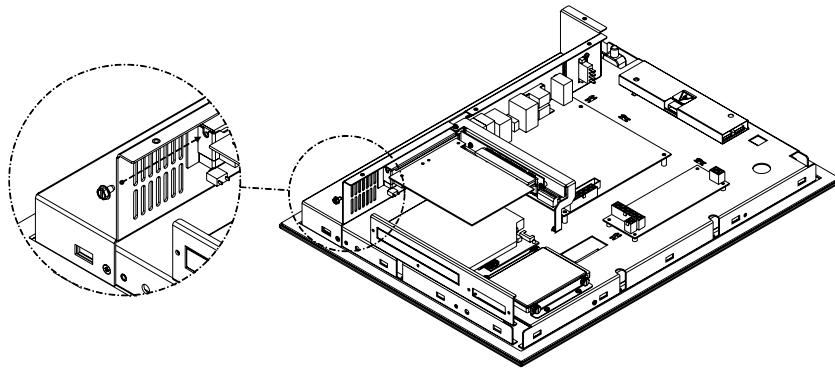
X
S
7
1
9

63



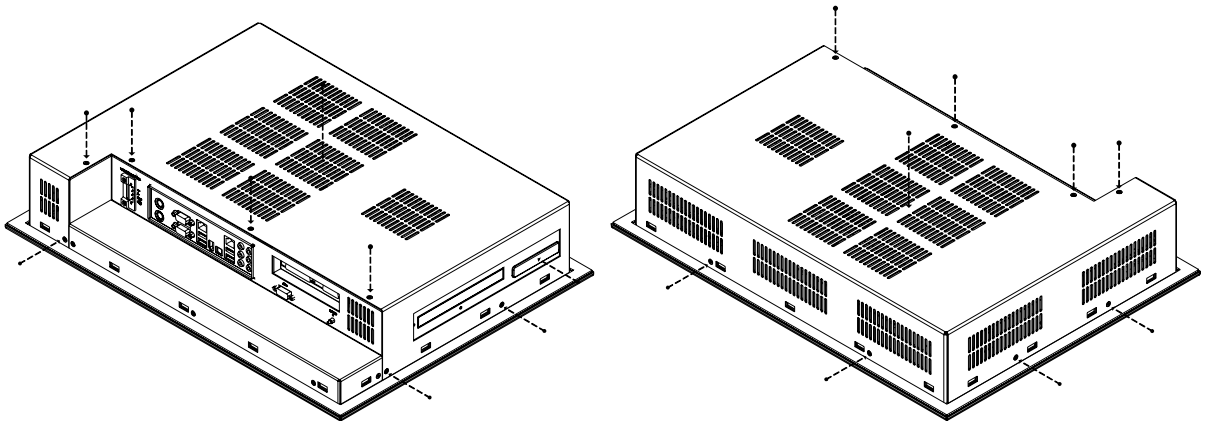
X
S
7
1
9

64



X
S
7
1
9

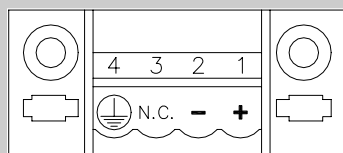
65



X
S
7
1
9

66

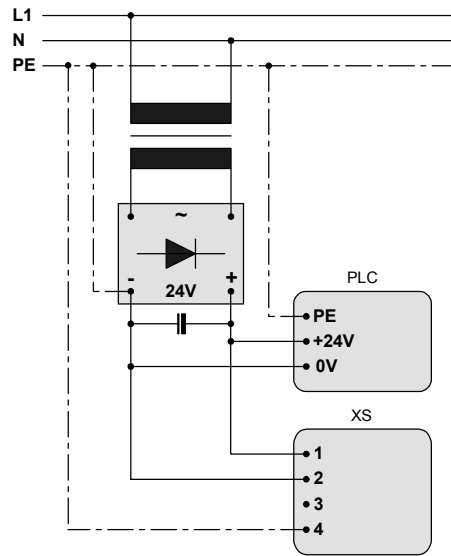
Power supply 4 pins connectors



1	+24 VDC
2	0 VDC
3	Not Connected
4	Protective ground

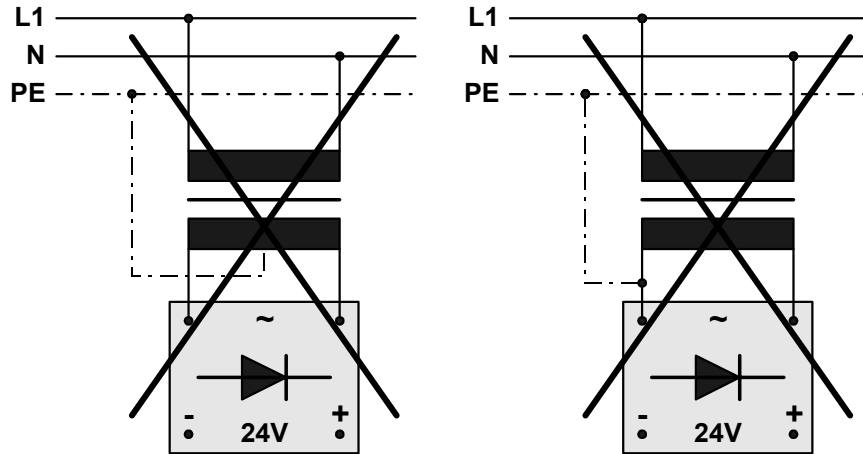
X
S
7

67



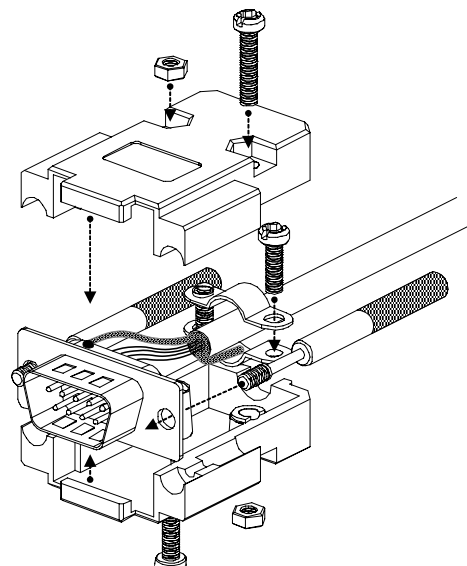
X
S
7

68



X
S
7

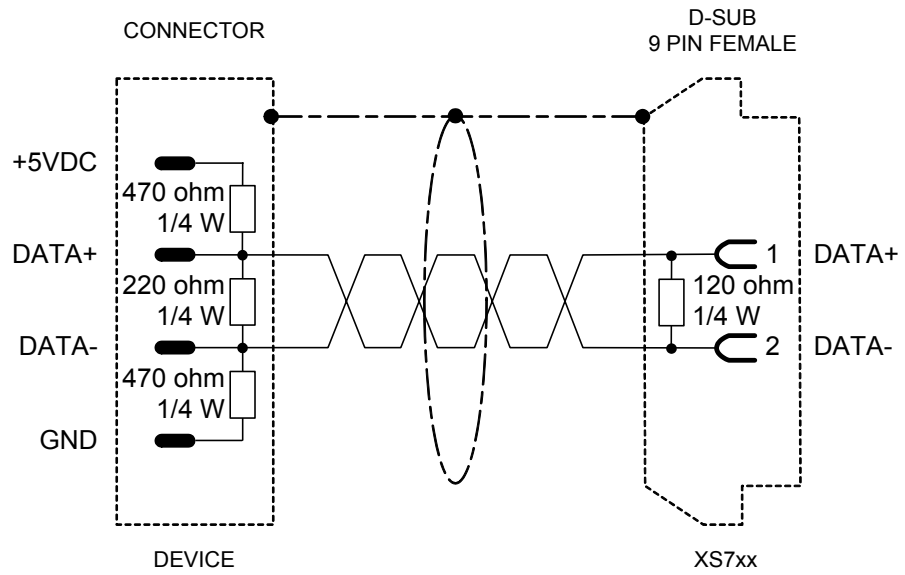
69



X
S
7

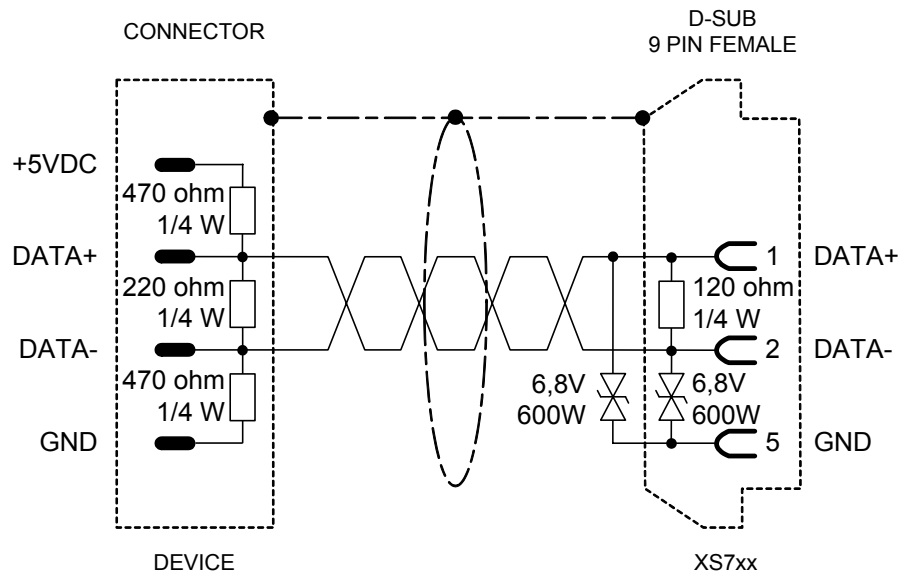
70

X
S
7



71

X
S
7



AVVERTENZA

IMPORTANTE: leggere attentamente queste istruzioni prima della installazione del prodotto.

Dimensioni e forature

XS7W7 – Fig. 1 . 2

XS708 – Fig. 6 . 7

XS712 – Fig. 15 . 16

XS7H2 – Fig. 15 . 16

XS715 – Fig. 30 . 31

XS717 – Fig. 42 . 43

XS719 – Fig. 54 . 55

Vista frontale

XS7W7 – Fig. 3

XS708 – Fig. 8

XS712 – Fig. 17

XS7H2 – Fig. 17

XS715 – Fig. 32

XS717 – Fig. 44

XS719 – Fig. 56

- 1) Porta seriale USB.
- 2) Power led.

Vista posteriore

XS7W7 – Fig. 4

XS708SF1 – Fig. 9 . 10

XS708 – Fig. 11 . 12 . 13

XS712 – Fig. 18 . 19

XS7H2 – Fig. 18 . 19

XS715 – Fig. 33 . 34

XS717 – Fig. 45 . 46

XS719 – Fig. 57 . 58

- A) Alimentazione.
- B) Vedi manuale scheda madre.
- C) COM - Vedi manuale scheda madre.
- D) POWER (ATX power on switch) - Vedi manuale scheda madre.
- E) Slot PCI/PCle.
- F) Connettore antenna (Opzionale).
- X) Slot Cfast [Push-Push system] (Opzionale).
- Y) Unità DVD-ROM (Opzionale).
- Z) Slot Compact Flash [Eject system] (Opzionale).

Cavi di collegamento

Per limitare al massimo l'influenza dei disturbi è necessario utilizzare cavi schermati di buona qualità.

Caratteristiche del cavo di collegamento seriale:

- Resistenza in corrente continua - Max. 151 Ohm/Km
- Accoppiamento capacitivo - Max. 29pF/m
- Schermatura > 80% oppure Totale

In ogni caso:

- Cercare il percorso più breve.
- Effettuare la posa separata da cavi disturbati e/o cavi di potenza.
- Utilizzare connettori con gusci metallici o di plastica conduttiva.

Collegare la schermatura del cavo seriale attenendosi alle indicazioni riportate in Fig. 69. **NOTA:** La calza deve risultare connessa elettricamente sia al corpo connettore che al coperchio.

Lo schermo del cavo deve risultare connesso elettricamente sia alla custodia che al corpo del connettore stesso da ambo i lati del cavo.

Nel caso che non possa essere eseguita l'operazione di collegamento schermo lato Dispositivo causa tipo di connettore seriale particolare, la schermatura stessa dovrà essere portata esternamente al connettore e collegata al morsetto di terra.

Per la connessione in RS485 seguire le indicazioni riportate in Fig. 70

In presenza di forti disturbi sulla linea seriale utilizzare due soppressori di disturbi (e.s. Transil 6,8V 600W) e collegarli come in Fig. 71

Installazione XS

XS7W7 – Fig. 5

XS708 – Fig. 14

XS712 – Fig. 20

XS7H2 – Fig. 20
XS715 – Fig. 35
XS717 – Fig. 47
XS719 – Fig. 59

Inserimento di una scheda PCI o PCIe

XS prevede l'alloggiamento per una scheda PCI (5V, 32bit) o PCIe x1.

La massima dimensione consentita è:

XS712 – 168mm
XS7H2 – 168mm
XS715 – 240mm
XS717 – 230mm
XS719 – 260mm

- a. Spegnerne il XS.
- b. Dvd-Rom opzionale - Rimuovere la copertura.
XS712 – Fig. 21
XS7H2 – Fig. 21
- c. Dvd-Rom opzionale - Lasciare il Dvd-Rom fissato alla copertura XS e rimuovere il connettore facendo attenzione a non danneggiarlo.
XS712 – Fig. 22
XS7H2 – Fig. 22
- d. Rimuovere la copertura del XS.
XS712 – Fig. 23
XS7H2 – Fig. 23
XS715 – Fig. 36
XS717 – Fig. 48
XS719 – Fig. 60
- e. Rimuovere la staffetta di chiusura.
XS712 – Fig. 24
XS7H2 – Fig. 24
XS715 – Fig. 37
XS717 – Fig. 49
XS719 – Fig. 61
- f. Inserire la scheda PCI o PCIe avendo cura di inserirla perfettamente nel connettore (nelle figure viene mostrata per semplicità solo la scheda PCI).
XS712 – Fig. 25
XS7H2 – Fig. 25
XS715 – Fig. 38
XS717 – Fig. 50
XS719 – Fig. 62
- g. Prima di inserire completamente la scheda nel connettore verificare che la staffetta sia entrata nell'apposita sede.
XS712 – Fig. 26

XS7H2 – Fig. 26
XS715 – Fig. 39
XS717 – Fig. 51
XS719 – Fig. 63

- h. Fissare la scheda una volta che è stata perfettamente inserita.
XS712 – Fig. 27
XS7H2 – Fig. 27
XS715 – Fig. 40
XS717 – Fig. 52
XS719 – Fig. 64
- i. Rimontare la copertura del XS.
XS712 – Fig. 28
XS7H2 – Fig. 28
XS715 – Fig. 41
XS717 – Fig. 53
XS719 – Fig. 65
- j. Dvd-Rom opzionale – Ricollegare il connettore e rimontare la copertura.
XS712 – Fig. 29
XS7H2 – Fig. 29

Per il collegamento ai connettori della scheda fare riferimento alla documentazione del costruttore.

Sostituzione della batteria

- a. Spegnerne il XS.
 - b. Rimuovere la copertura.
 - c. Sostituire la batteria della scheda madre (vedi manuale scheda madre).
- ATTENZIONE:** Inserire la batteria nuova rispettando il tipo e le polarità.
- d. Rimontare la copertura.

Alimentazione

Fig. 66 - Significato dei pin del connettore di alimentazione.

Fig. 67 - Collegamento consigliato.

Fig. 68 - **ATTENZIONE:** questa due configurazioni danneggiano gravemente il XS.

IMPORTANTE: La massa dei dispositivi collegati alle porte di comunicazione seriali e/o parallele deve essere tassativamente allo stesso potenziale dello 0V di

alimentazione del XS. La circolazione di una corrente tra lo 0V di alimentazione e la massa delle porte di comunicazione potrebbe causare il danneggiamento di alcuni componenti del XS o dei dispositivi ad esso collegati.

Temperatura di esercizio

0 / +50°C

Compatibilità elettromagnetica

Restrizioni d'uso: i requisiti di protezione non sono assicurati in zone residenziali.

Porte di comunicazione

Per il collegamento ai connettori delle periferiche fare riferimento alla documentazione della scheda madre

Pulizia della superficie

Per la pulizia del XS si consiglia di utilizzare Alcool Etilico Denaturato.

Certificazioni



Tutti i prodotti descritti in questo manuale sono conformi ai seguenti standard:

compatibilità elettromagnetica (EMC):

- emissioni EN 61000-6-4 (2007)
- immunità EN 61000-6-2 (2005)

e perciò rispondono a:

Council Directive
EMC 2004/108/EC

WARNING

IMPORTANT: Please read carefully these instructions before mounting the product

Dimensions and holes

XS7W7 – Fig. 1 . 2
XS708 – Fig. 6 . 7
XS712 – Fig. 15 . 16
XS7H2 – Fig. 15 . 16
XS715 – Fig. 30 . 31
XS717 – Fig. 42 . 43
XS719 – Fig. 54 . 55

Front view

XS7W7 – Fig. 3
XS708 – Fig. 8
XS712 – Fig. 17
XS7H2 – Fig. 17
XS715 – Fig. 32
XS717 – Fig. 44
XS719 – Fig. 56

- 1) Universal Serial Bus port.
- 2) Power led.

Rear view

XS7W7 – Fig. 4
XS708SF1 – Fig. 9 . 10
XS708 – Fig. 11 . 12 . 13
XS712 – Fig. 18 . 19
XS7H2 – Fig. 18 . 19
XS715 – Fig. 33 . 34
XS717 – Fig. 45 . 46
XS719 – Fig. 57 . 58

- A) Power supply.
- B) See motherboard manual.
- C) COM - See motherboard manual.
- D) POWER (ATX power on switch) - See motherboard manual.
- E) Slot PCI/PCle.
- F) Antenna Connector (Optional)
- X) Slot Cfast [Push-Push system] (Optional)
- Y) DVD-ROM Drive (Optional)
- Z) Slot Compact Flash [Eject system] (Optional)

Connection cables

In order to limit as much as possible the influence of these disturbances good quality shielded cables must be used.

Specifications of serial connection cable:

- Direct current resistance - Max. 151 Ohm/Km
- Capacity coupling - Max. 29pF/m
- Shielding > 80% or total

Always:

- Find the shortest route.
- Lay disturbed cables separately.
- Use connectors with metal or conductive plastic shells.

Connect the serial cable shield in accordance with the instructions on Fig. 69. **NOTE:** The braiding must be electrically connected both to the connector body and shell.

The interface cable braiding must be electrically connected both to the shell and the body of the connector at both ends of the cable.

If the connection operation cannot be carried out at the Device side due to the particular type of serial connector, the braiding will have to be taken outside the connector and connected to the earth terminal.

As for RS485-connection, please follow the instructions by Fig. 70

For strong spikes on the serial line it's, please use two noise-reducers (eg Transil 600W 6.8 V) and connect them as shown in Fig . 71

Installing the XS

XS7W7 – Fig. 5
XS708 – Fig. 14
XS712 – Fig. 20
XS7H12 – Fig. 20
XS715 – Fig. 35
XS717 – Fig. 47
XS719 – Fig. 59

Inserting the PCI or PCIe board

XS has a compartment for a PCI board (5V, 32bit) or PCIe x1.

Maximum size:

XS712 – 168mm

XS7H2 – 168mm

XS715 – 240mm

XS717 – 230mm

XS719 – 260mm

- a. Switch off XS.
- b. Optional Dvd-Rom - Remove back cover.
XS712 – Fig. 21
XS7H2 – Fig. 21
- c. Optional Dvd-Rom - Do not remove the DVD-ROM from XS cover and unplug the connector. Be careful to not damage it.
XS712 – Fig. 22
XS7H2 – Fig. 22
- d. Remove XS back cover.
XS712 – Fig. 23
XS7H2 – Fig. 23
XS715 – Fig. 36
XS717 – Fig. 48
XS719 – Fig. 60
- e. Remove the locking brackets.
XS712 – Fig. 24
XS7H2 – Fig. 24
XS715 – Fig. 37
XS717 – Fig. 49
XS719 – Fig. 61
- f. When inserting the PCI board make sure it makes perfect contact with the connector (For clarity pictures show only the PCI board).
XS712 – Fig. 25
XS7H2 – Fig. 25
XS715 – Fig. 38
XS717 – Fig. 50
XS719 – Fig. 62
- g. Before completely inserting the board into the connector check that the bracket fits into its slot.
XS712 – Fig. 26
XS7H2 – Fig. 26
XS715 – Fig. 39
XS717 – Fig. 51
XS719 – Fig. 63
- h. Once the board has been completely inserted screw to fix it in place.

XS712 – Fig. 27

XS7H2 – Fig. 27

XS715 – Fig. 40

XS717 – Fig. 52

XS719 – Fig. 64

- i. Replace XS back cover.
XS712 – Fig. 28
XS7H2 – Fig. 28
XS715 – Fig. 41
XS717 – Fig. 53
XS719 – Fig. 65
- j. Optional Dvd-Rom – Plug the connector and mount the cover.
XS712 – Fig. 29
XS7H2 – Fig. 29

For wiring to the board's connectors consult maker's guide

Substituting the battery

- a. Switch off XS.
 - b. Remove back cover.
 - c. Replace the battery on the motherboard (see motherboard manual).
- ATTENTION:** Insert the new battery checking that the polarities are correct. Discarded batteries should be placed in appropriate containers.
- d. Replace back cover.

Power supply

Fig. 66 - Power connector pin-out.

Fig. 67 - Recommended power connection.

Fig. 68 - **Warning:** These two configuration will seriously damage components

IMPORTANT: The earth of the devices connected to the serial and/or parallel communication ports **MUST** have the same potential as the 0V supply of the XS. The circulation of current between the 0V supply and the earth of the communication ports could cause damage to certain components of the XS or of the devices connected to it.

Working temperature

0 / +50°C

Electromagnetic compatibility

Restriction of use: protection requirements are not ensured in residential areas.

Communication ports

Refer to motherboard documentation for connection of link to peripheral devices.

Cleaning

For cleaning the XS we recommend Denaturalised Ethyl Alcohol.

Certifications



All the products described in this manual comply with the following standards:

electromagnetic compatibility (EMC):

- emissions EN 61000-6-4 (2007)
- immunity EN 61000-6-2 (2005)

and thus are in line with:

Council Directive
EMC 2004/108/EC

AVERTISSEMENT

IMPORTANT : lire attentivement ces instructions avant l'installation du produit.

Dimensions et perçage

XS7W7 – Figure . 1 . 2

XS708 – Figure . 6 . 7

XS712 – Figure . 15 . 16

XS7H2 – Figure . 15 . 16

XS715 – Figure . 30 . 31

XS717 – Figure . 42 . 43

XS719 – Figure . 54 . 55

Vue frontale

XS7W7 – Figure . 3

XS708 – Figure . 8

XS712 – Figure . 17

XS7H2 – Figure . 17

XS715 – Figure . 32

XS717 – Figure . 44

XS719 – Figure . 56

- 1) Port Universal Serial Bus.
- 2) Power led.

Vue postérieure

XS7W7 – Figure . 4

XS708SF1 – Figure . 9 . 10

XS708 – Figure . 11 . 12 . 13

XS712 – Figure . 18 . 19

XS7H2 – Figure . 18 . 19

XS715 – Figure . 33 . 34

XS717 – Figure . 45 . 46

XS719 – Figure . 57 . 58

- A) Alimentation.
- B) Voir le manuel de la carte mère
- C) COM - Voir le manuel de la carte mère.
- D) POWER (ATX power on switch) - Voir le manuel de la carte mère.
- E) Logement PCI/PCIe.
- F) Connecteur d'antenne (Option).
- X) Logement Cfast [Push-Push System] (Option).
- Y) Lecteurs DVD-ROM (Option).
- Z) Logement Compact Flash [Eject system] (Option).

Câbles de raccordement

Pour limiter au maximum l'influence de ces parasites il faut utiliser des câbles blindés de bonne qualité.

Caractéristiques du câble de raccordement sériel :

- Résistance en courant continu - Max. 151 Ohm/Km
- Accouplement capacitif - Max. 29pF/m
- Blindage > 80% ou bien total

Dans tous les cas :

- Chercher le parcours le plus bref.
- Effectuer la pose séparée des câbles perturbés.
- Utiliser des connecteurs du type spécial à carcasse avec gaines métalliques ou en plastique conducteur.

Raccorder le blindage du câble sériel en se tenant strictement aux indications reportées dans Figure . 69. **NOTE** : La gaine doit être connectée électriquement au corps du connecteur et à son habillage.

La protection du câble d'interface doit résulter électriquement connectée aussi bien à la gaine qu'au corps du connecteur lui-même des deux côtés du câble.

Dans le cas où l'opération de raccordement protection côté Périphérique ne puisse pas être exécutée à cause du type particulier de connecteur sériel, le blindage même devra être porté extérieurement au connecteur et raccordé à la borne de terre.

Pour la connexion RS485, suivez les instructions de la Figure . 70

Pour les pointes importantes sur la ligne série, veuillez utiliser 2 réducteurs de bruit (par exemple Transil 600W 6.8V) et connectez les selon la Figure . 71

Installation du XS

- XS7W7 – Figure . 5
- XS708 – Figure . 14
- XS712 – Figure . 20
- XS7H2 – Figure . 20
- XS715 – Figure . 35
- XS717 – Figure . 47
- XS719 – Figure . 59

Introduction d'une carte PCI ou PCIe

XS prévoit un logement pour une carte PCI (5V, 32bit) ou PCIe x1.

La dimension maximum autorisée est :

- XS712 – 168mm
 - XS7H2 – 168mm
 - XS715 – 240mm
 - XS717 – 230mm
 - XS719 – 260mm
- a. Éteindre le XS.
 - b. Option Dvd-Rom - Enlever le couvercle
 - XS712 – Figure . 21
 - XS7H2 – Figure . 21
 - c. Option Dvd-Rom - Laisser le DVD-Rom attaché au couvercle XS e retirer le connecteur en faisant attention à ne pas l'endommager.
 - XS712 – Figure . 22
 - XS7H2 – Figure . 22
 - d. Enlever le couvercle de XS.
 - XS712 – Figure . 23
 - XS7H2 – Figure . 23
 - XS715 – Figure . 36
 - XS717 – Figure . 48
 - XS719 – Figure . 60
 - e. Retirer la petite patte de fermeture.
 - XS712 – Figure . 24
 - XS7H2 – Figure . 24
 - XS715 – Figure . 37
 - XS717 – Figure . 49
 - XS719 – Figure . 61
 - f. Introduire la carte PCI ou PCIe en ayant soin de l'insérer correctement dans le connecteur (pour simplifier, seule la carte PCI est représentée sur les figures).
 - XS712 – Figure . 25
 - XS7H2 – Figure . 25
 - XS715 – Figure . 38
 - XS717 – Figure . 50
 - XS719 – Figure . 62

- g. Avant d'insérer complètement la carte dans le connecteur, vérifier que la petite patte soit bien entrée dans le logement approprié.
 - XS712 – Figure . 26
 - XS7H2 – Figure . 26
 - XS715 – Figure . 39
 - XS717 – Figure . 51
 - XS719 – Figure . 63
- h. Une fois qu'elle a été parfaitement introduite, fixer la carte.
 - XS712 – Figure . 27
 - XS7H2 – Figure . 27
 - XS715 – Figure . 40
 - XS717 – Figure . 52
 - XS719 – Figure . 64
- i. Remonter le couvercle de XS.
 - XS712 – Figure . 28
 - XS7H2 – Figure . 28
 - XS715 – Figure . 41
 - XS717 – Figure . 53
 - XS719 – Figure . 65
- j. Option Dvd-Rom - reconnecter le connecteur et remonter le couvercle.
 - XS712 – Figure . 29
 - XS7H2 – Figure . 29

Pour le raccordement aux connecteurs de la carte se référer à la documentation du constructeur.

Substitution de la pile

- a. Éteindre le XS.
- b. Enlever le couvercle.
- c. Remplacer la pile sur la carte mère (voir le manuel de la carte mère).

ATTENTION : Introduire la nouvelle pile en respectant les polarités. Ne pas jeter les piles dans la nature.

- d. Remonter le couvercle.

Alimentation

Figure . 66 - signification des pins du connecteur d'alimentation.

Figure . 67 - connexion conseillée.

Figure . 68 - **Attention** : Ces deux configurations peuvent endommager certains composants.

IMPORTANT : La masse des dispositifs connectés aux ports de communication parallèles ou sériels doit formellement être au même potentiel qu'il 0V d'alimentation du XS. La circulation d'un courant entre il 0V d'alimentation et la masse des ports de communication pouvait causer des dommages aux composants du XS ou des dispositifs connectés.

Température d'exercice

0 / +50°C

Compatibilité électromagnétique

Restriction d'emploi: les protection n'est pas assurée dans les zones résidentielles.

Portes de communication

Se référer à la documentation de la carte mère pour les connexions avec les périphériques.

Nettoyage

Pour nettoyer le XS est conseillé d'utiliser de l'Alcool Éthylique Dénaturé.

Certifications



Tous les produits décrits dans ce manuel sont conformes aux standards suivants :

compatibilité électromagnétique (EMC) :

- émissions EN 61000-6-4 (2007)
- immunité EN 61000-6-2 (2005)

et ils répondent pour cela aux :

Council Directive
EMC 2004/108/EC

HINWEIS

WICHTIG: lesen
Sie die Hinweise sorgfältig
durch bevor Sie Installationen
durchführen.

Maße und Ausschnitt

XS7W7 – Abbildung. 1 . 2
XS708 – Abbildung. 6 . 7
XS712 – Abbildung. 15 . 16
XS7H2 – Abbildung. 15 . 16
XS715 – Abbildung. 30 . 31
XS717 – Abbildung. 42 . 43
XS719 – Abbildung. 54 . 55

Vorderansicht

XS7W7 – Abbildung. 3
XS708 – Abbildung. 8
XS712 – Abbildung. 17
XS7H2 – Abbildung. 17
XS715 – Abbildung. 32
XS717 – Abbildung. 44
XS719 – Abbildung. 56

- 1) Universellen seriellen Bus Port.
- 2) Power led.

Rückansicht

XS7W7 – Abbildung. 4
XS708SF1 – Abbildung. 9 . 10
XS708 – Abbildung. 11 . 12 . 13
XS712 – Abbildung. 18 . 19
XS7H2 – Abbildung. 18 . 19
XS715 – Abbildung. 33 . 34
XS717 – Abbildung. 45 . 46
XS719 – Abbildung. 57 . 58

- A) Spannungsversorgung.
- B) Siehe Gebrauchsanweisung der Hauptplatine.
- C) COM - Siehe Gebrauchsanweisung der Hauptplatine.
- D) POWER (ATX power on switch) - Siehe Gebrauchsanweisung der Hauptplatine.
- E) Slot PCI/PCle.
- F) Antennenanschluss (Option).
- X) Slot Cfast [Push-Push system] (Option).
- Y) DVD-ROM Antrieb (Option).

- Z) Slot Compact Flash [Eject system] (Option).

Schnittstellenkabel

Da die seriellen Kommunikationen extrem anfällig für Störungen sind, müssen zur weitmöglichen Vermeidung dieser Störungen qualitativ hochwertige abgeschirmte Kabel verwendet werden.

Merkmale für serielle Schnittstellenkabel:

- Gleichstromwiderstand - Max. 151 Ohm/Km
- Kapazitive Kopplung - Max. 29pF/m
- Abschirmung > 80% oder total

In jedem Fall:

- Kabel auf kürzester Strecke verlegen.
- Kabel getrennt von gestörten Leitungen verlegen.
- Steckergehäuse mit Hülsen aus Metall oder leitfähigem Kunststoff verwenden.

Die Abschirmung des seriellen Kabels den Anweisungen der Abbildung. 69 entsprechend vornehmen. **Bemerkung:** Das Schirmgeflecht muß elektrisch sowohl mit dem Steckerkörper als auch mit dem Gehäuse verbunden sein.

Der Schirm des Schnittstellenkabels muss sowohl an das Gehäuse als auch an den Steckerkörper von beiden Kabelseiten elektrisch angeschlossen sein. Falls der geräteseitige Anschluss der

Kabelabschirmung aufgrund eines besonderen seriellen Steckertyps nicht möglich sein sollte, muss die Abschirmung aus dem Steckverbinder separat herausgeführt werden und an eine Erdklemme angeschlossen werden.

Für eine RS485-Verbindung folgen Sie bitte den Anweisungen von Abb . 70

Bei starken Spitzenströmen in der Seriellen Leitung verwenden Sie bitte zwei Überspannungsschutzdioden (bspw. Transil 600W 6.8V) und schließen Sie wie in Abb . 71 gezeigt an.

XS-Installation

XS7W7 – Abbildung. 5
XS708 – Abbildung. 14
XS712 – Abbildung. 20
XS7H2 – Abbildung. 20
XS715 – Abbildung. 35
XS717 – Abbildung. 47
XS719 – Abbildung. 59

Einfügung einer PCI\PCIe-Karte

XS sieht den Sitz für eine PCI-Karte (5V, 32bit) oder PCIe x1-Karte.

Die maximale Kartengröße ist:

XS712 – 168mm
XS7H2 – 168mm
XS715 – 240mm
XS717 – 230mm
XS719 – 260mm

- a. Das XS ausschalten.
- b. Optional Dvd-Rom - Das Gehäuse abnehmen.
XS712 – Abbildung. 21
XS7H2 – Abbildung. 21
- c. DVD-Rom optional - DVD-Rom Laufwerk an der Abdeckung befestigt lassen. Lediglich elektrische Anschlüsse des Laufwerks lösen, dabei Beschädigungen vermeiden.
XS712 – Abbildung. 22
XS7H2 – Abbildung. 22
- d. Abdeckung XS entfernen.
XS712 – Abbildung. 23
XS7H2 – Abbildung. 23
XS715 – Abbildung. 36
XS717 – Abbildung. 48
XS719 – Abbildung. 60
- e. Den Verschlussbügel entfernen.
XS712 – Abbildung. 24
XS7H2 – Abbildung. 24
XS715 – Abbildung. 37
XS717 – Abbildung. 49
XS719 – Abbildung. 61
- f. Die PCI-Karte oder PCIe-Karte einsetzen und darauf achten, dass sie

perfekt in den Verbinder eingesetzt wird (Der Einfachheit halber wird nur die PCI Karte dargestellt).

XS712 – Abbildung. 25
XS7H2 – Abbildung. 25
XS715 – Abbildung. 38
XS717 – Abbildung. 50
XS719 – Abbildung. 62

- g. Bevor die Karte vollständig eingesetzt wird, ist zu kontrollieren, dass sich der Bügel im entsprechenden Sitz befindet.
XS712 – Abbildung. 26
XS7H2 – Abbildung. 26
XS715 – Abbildung. 39
XS717 – Abbildung. 51
XS719 – Abbildung. 63
- h. Nachdem die Karte perfekt eingesetzt wurde, ist diese zu befestigen.
XS712 – Abbildung. 27
XS7H2 – Abbildung. 27
XS715 – Abbildung. 40
XS717 – Abbildung. 52
XS719 – Abbildung. 64
- i. Abdeckung des XS wieder befestigen.
XS712 – Abbildung. 28
XS7H2 – Abbildung. 28
XS715 – Abbildung. 41
XS717 – Abbildung. 53
XS719 – Abbildung. 65
- j. DVD-Rom optional - wieder Anschließen und Abdeckung befestigen.
XS712 – Abbildung. 29
XS7H2 – Abbildung. 29

Für den Anschluss an die Verbinder der Karte, ist die Anleitung des Herstellers zu berücksichtigen.

Austauschen der Batterie

- a. Das XS ausschalten.
- b. Das Gehäuse abnehmen.
- c. Ersetzen Sie der Batterie auf Hauptplatine (siehe Gebrauchsanweisung der Hauptplatine).

ACHTUNG: Die neue Batterie einsetzen, dabei auf korrekte und Polung achten. Die Batterien müssen entsprechend entsorgt werden.

d. Das Gehäuse wieder aufsetzen.

Spannungsversorgung

Abbildung. 66 - Anschluß des Versorgungssteckers.

Abbildung. 67 - Empfohlene Verdrahtung.

Abbildung. 68 - **Warnung:** Diese beiden Anschlussarten führen zu Schäden am XS Gerät.

WICHTIG: Die Erde der Parallelen und/oder Seriellen Datenleitung müssen das gleiche Potential haben wie die Erde der Spannungsversorgung vom Bediengerät. Eine nicht korrekte Erdung der Spannungsversorgung und der Datenleitungen können schwere Schäden an den Bediengeräten sowie an den angeschlossene Komponenten hervor rufen.

Betriebstemperatur

0 / +50°C

Elektromagnetische Verträglichkeit

Nutzungsbeschränkung: den Schutzanforderungen in Wohngebieten nicht gewährleistet ist.

Schnittstellen-Anschlüsse

Siehe Dokumentation der Hauptplatine für Verbindungen mit Peripheriegeräten.

Reinigung der Touch-Oberfläche

Für die Reinigung der Touch Oberfläche wird die Verwendung von Ethylalkohol empfohlen.

Zertifizierungen



Alle im vorliegenden Handbuch beschriebenen Produkte sind konform mit den folgenden Standards

elektromagnetische Kompatibilität (EMC):

- Emissionen EN 61000-6-4 (2007)
- Störimmunität EN 61000-6-2 (2005)

und entsprechen daher den:

Council Directive
EMC 2004/108/EC

ADVERTENCIA

IMPORTANTE: leer estas instrucciones con cuidado antes de la instalación producto.

Dimensiones y perforaciones

XS7W7 – Fig. 1 . 2

XS708 – Fig. 6 . 7

XS712 – Fig. 15 . 16

XS7H2 – Fig. 15 . 16

XS715 – Fig. 30 . 31

XS717 – Fig. 42 . 43

XS719 – Fig. 54 . 55

Vista frontal

XS7W7 – Fig. 3

XS708 – Fig. 8

XS712 – Fig. 17

XS7H2 – Fig. 17

XS715 – Fig. 32

XS717 – Fig. 44

XS719 – Fig. 56

- 1) Puerto Bus de Serie Universal.
- 2) Power led.

Vista posterior

XS7W7 – Fig. 4

XS708SF1 – Fig. 9 . 10

XS708 – Fig. 11 . 12 . 13

XS712 – Fig. 18 . 19

XS7H2 – Fig. 18 . 19

XS715 – Fig. 33 . 34

XS717 – Fig. 45 . 46

XS719 – Fig. 57 . 58

- A) Alimentación.
- B) Ver el manual de la placa base.
- C) COM - Ver el manual de la placa base.
- D) POWER (ATX power on switch) - Ver el manual de la placa base.
- E) Slot PCI/PCle.
- F) Conector de antena (Opción).
- X) Slot Cfast [Push-Push system] (Opción).
- Y) Unidades DVD-ROM (Opción).
- Z) Slot Compact Flash [Eject system] (Opción).

Cables de conexión

Para limitar al máximo sus influencias, es necesario utilizar cables apantallados de calidad.

Características del cable de conexión en serie:

- Resistencia en corriente continua - Máx. 151 Ohm/Km
- Acoplamiento de capacidad - Máx. 29pF/m
- Apantallado > 80% o tota

En todo caso:

- Busque el recorrido más corto.
- No realice el tendido junto a cables con perturbaciones.
- Utilizar conectores tipo con carcasa metálicos o de plástico conductivo.

Conectar el blindaje del cable serie siguiendo escrupulosamente las indicaciones en Fig. 69 **Nota:** La trenza debe quedar conectada eléctricamente tanto al cuerpo del conector como a la cubierta.

La pantalla del cable de interface tiene que quedar conectada eléctricamente a la cubierta y al cuerpo del conector, en ambos lados del cable.

En el caso de que no se pueda realizar la operación de conexión de la pantalla del lado del dispositivo a causa del tipo particular de conector serie, el blindaje tendrá que llevarse fuera del conector y conectarse al borne de tierra.

Sobre la conexión RS485 seguir las instrucciones de Fig. 70

En presencia de ruidos fuertes sobre la línea serial es necesario utilizar dos equipos de reducción de ruido (por ejemplo, TRANSIL 600W 6,8 V) y conectarlos como en Fig. 71

Instalación del XS

XS7W7 – Fig. 5

XS708 – Fig. 14

XS712 – Fig. 20

XS7H2 – Fig. 20
XS715 – Fig. 35
XS717 – Fig. 47
XS719 – Fig. 59

Inserción de una tarjeta PCI o bien PCIe

XS preve el alojamiento de una tarjeta PCI (5V, 32 bit) o bien PCIe x1.

El tamaño máximo permitido es:

XS712 – 168mm
XS7H2 – 168mm
XS715 – 240mm
XS717 – 230mm
XS719 – 260mm

- a. Apague el XS.
- b. DVD-ROM opcional - Quite la cubierta.
XS712 – Fig. 21
XS7H2 – Fig. 21
- c. DVD-ROM opcional - Dejar el DVD-Rom fijado y quitar el conector con cuidado para no dañarlo.
XS712 – Fig. 22
XS7H2 – Fig. 22
- d. Quite la cubierta del XS.
XS712 – Fig. 23
XS7H2 – Fig. 23
XS715 – Fig. 36
XS717 – Fig. 48
XS719 – Fig. 60
- e. Quiden la patilla de cierre.
XS712 – Fig. 24
XS7H2 – Fig. 24
XS715 – Fig. 37
XS717 – Fig. 49
XS719 – Fig. 61
- f. Introduzcan la tarjeta PCI o bien PCIe cuidando de introducirla perfectamente en el conector (En las imagenes se enseña sólo la tarjeta PCI para simplicidad).
XS712 – Fig. 25
XS7H2 – Fig. 25
XS715 – Fig. 38
XS717 – Fig. 50
XS719 – Fig. 62
- g. Antes de introducir completamente la tarjeta en el conector verifiquen que la patilla haya entrado en su asiento.
XS712 – Fig. 26
XS7H2 – Fig. 26

XS715 – Fig. 39
XS717 – Fig. 51
XS719 – Fig. 63

- h. Fijen la tarjeta una vez perfectamente introducida.
XS712 – Fig. 27
XS7H2 – Fig. 27
XS715 – Fig. 40
XS717 – Fig. 52
XS719 – Fig. 64
- i. Vuelva a montar la cubierta del XS.
XS712 – Fig. 28
XS7H2 – Fig. 28
XS715 – Fig. 41
XS717 – Fig. 53
XS719 – Fig. 65
- j. DVD-ROM opcional - Reconectar el conector y volver a poner el respaldo.
XS712 – Fig. 29
XS7H2 – Fig. 29

Para la conexión a los conectores de la tarjeta vean los documentos del constructor.

Sustitución de la batería

- a. Apague el XS.
- b. Quite la cubierta.
- c. Reemplazar la batería en la placa base (ver el manual de la placa base).

ATENCIÓN: Introduzca la nueva batería observando las polaridades. Tire las baterías descargadas a los contenedores apropiados.

- d. Vuelva a montar la cubierta.

Alimentación

Fig. 66 - Significado de los pines de el conector de alimentación.

Fig. 67 - Conexión recomendada.

Fig. 68 - **Atencion:** Las dos configuraciones de arriba dañan gravemente el XS.

ATENCIÓN: La masa de los dispositivos conectados en los puertos de comunicación serie y/o paralelo tiene que estar conectada imprescindiblemente al mismo potencial del 0V de alimentación del XS. La circulación de una corriente entre el 0V de alimentación y la masa de los puertos de comunicación podría causar daños a algunos componentes del XS o bien a algunos dispositivos conectados.

Temperatura de servicio

0 / +50°C

Compatibilidad Electromagnética

Restricción de uso: los requisitos de protección no esté garantizado en zonas residenciales.

Puertos de comunicación

Mirar en la documentación de la placa base para el link de la conexión a los dispositivos periféricos.

Como limpiar el XS

Para limpiar el XS se aconseja utilizar Alcohol Etilico Desnaturalizado.

Certificaciones



Todos los productos descritos en este manual están conformes con los siguientes estándares:

compatibilidad electromagnética (EMC):

- emisiones EN 61000-6-4 (2007)
- inmunidad EN 61000-6-2 (2005)

y por lo tanto se atienen a las:

Council Directive
EMC 2004/108/EC



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