

XS - the range of Efficient and Competitive embedded PC

ABB offers the market with the complete range of **series XS embedded PC**, solutions considered for critical work conditions, able to fully satisfy any need by means of:

- A wide choice of products made up of **extremely compact 12" TFT**, of **strong and reliable 15" until 19" one**, which ensure **maximum screen size and brightness**
- **A modular design** capable of adapting to **any condition of use**, for example in environments with **strong vibrations** and in **conditions of continuous mobility**
- An ample availability of **Intel® Celeron, Pentium and Core 2 Duo processors** which, besides ensuring an elevated power and speed to the application, allow a **drastic reduction of heat dissipation and energy consumption**
- The choice of **the operating system which is most suited for specific needs: Windows XP Embedded**, suited for applications in which the safety of a **stable and fast operating environment** is of the utmost importance, together with **protection from computer viruses or possible tampering**; or **Windows XP Professional**, to guarantee the absolute compatibility with any application developed for Windows XP

Graphic interface

- **XS612: TFT 12" display** with 262,000 colours and a **resolution of 800x600**, high brightness equal to 450cd/m² and an elevated contrast of 600:1
- **XS615: TFT 15" display** with 262,000 colours and a **resolution of 1024x768**, brightness equal to 350cd/m² and an elevated contrast of 700:1
- **XS619: TFT 19" display** with 262,000 colours and a **resolution of 1280x1024**, brightness equal to 300cd/m² and a very elevated contrast of 900:1
- **CCFL back-lighting** with two lamps **having a duration of at least 50,000 hours**, able to guarantee extremely bright and clear images
- **Resistive touch screen technology** which, besides a greater contact point precision, guarantees as well **continuous functioning even if scratched**
- **Increased touch screen life cycle**



Performances

- **Low consuming processors Intel® Celeron M 600 MHz and 1.0 GHz FANLESS, Intel® Pentium M 1.1 GHz and 1.6 GHz and Intel® Core 2 Duo 2.2GHz**, capable of offering **high and unparalleled performance** to your applications
- Available **RAM memory from 256 MB to 2 GB**
- Possibility of choosing between **80 GB and 120 GB Disk Drive in Serial ATA technology , 8 GB solid state disk in Serial ATA technology or 1 GB, 2 GB or 4 GB Compact Flash** (silicon disk)
- **CD-rom or DVD-rom in Serial ATA technology** optionals
- Front **IP65 protection rating**
- In compliance with **CE, cULus, Atex standards** (Group II – cat.3 G D – zone 2/22)

Communication interfaces

- **PCI slot** of available expansion
- **3 or 5 USB 2.0 ports**, Host kind, one of which is frontal with a removable cover that **guarantees IP65**
- **Ethernet Ports 10/100 and 10/100/1000 Mbit** available
- **One or more RS232 and RS232/RS422/485 serial ports** available according to the model
- For all models it is possible to be provided with **another two RS232 serial ports** as an optional
- **Parallel port optional** optional
- **PS/2 ports** for simultaneous keyboard and mouse connection
- **CRT video** output available with all models
- **Avant-garde audio features**

	Display	Resolution	CPU	RAM	Serial ports	USB ports	Ethernet
<u>XS612</u>	TFT 12" 262.000 colors	800x600	Celeron M 1.0GHz Pentium M 1.6 GHz	512 MB - 1 GB	2 x RS232 + 2 x RS232 (optionals)	5 x USB host 2.0 (one frontal)	ETH 10/100 Mbit + ETH 10/100/1000 Mbit (optional)
<u>XS615</u>	TFT 15" 262.000 colors	1024x768	Celeron M 600 MHz e 1.0 GHz Pentium M 1.1 GHz e 1.6 GHz	256 MB - 1 GB	2 x RS232 + 2 x RS232 (optionals)	3 x USB host 2.0 (one frontal)	ETH 10/100 Mbit + ETH 10/100/1000 Mbit (optional)
<u>XS615 Dual Core</u>	TFT 15" 262.000 colors	1024x768	Core 2 Duo 2,2 GHz	512 MB - 2 GB	RS232 + RS232/422/4852 x RS232 (optionals)	5 x USB host 2.0 (one frontal)	2 x ETH 10/100/1000 Mbit
<u>XS619</u>	TFT 19" 262.000 colors	1280x1024	Celeron M 1.0 GHz	512 MB – 1 GB	RS232 + RS232/422/4852 x RS232 (optionals)	5 x USB host 2.0 (one frontal)	ETH 10/100 Mbit + ETH 10/100/1000 Mbit (optional)
<u>XS619 Dual Core</u>	TFT 19" 262.000 colors	1280x1024	Core 2 Duo 2,2 GHz	512 MB – 2 GB	RS232 + RS232/422/4852 x RS232 (optionals)	5 x USB host 2.0 (one frontal)	2 x ETH 10/100/1000 Mbit