



FDC-600X Series Touch Panel Computers

with

Embedded Windows XP® or CE®




The FDC-600-X Series Touch Panel Computers combines the convenience of an affordable operator interface color touch screen with the power and versatility of the open Windows XP® or CE® platform.



- Available TFT Display Size: 10.4", 12.1" and 15.0" diagonal; all with high brightness & contrast clarity
- All-in-One-Platform: Integrated CPU, 256MB SDRAM & Windows XP® or CE.net® OS
- Fan-less Operation: Low power consumption provides reliable & long lifespan
- Unit Size: Slim at 50mm-55mm deep with robust plastic bezel providing Nema 4X protection
- Powerful Communication Capability: Ethernet, Serial, USB, Sound, IDE & SD Flash ports



P.O. Box 1196 / Bridgeview, IL 60455
Office: 888.751.5444 / Fax: 888.307.8014
Technical Support: 866.342.5332
<http://www.futuredesigncontrols.com>

Model	610-XH	MT612-XV1	MT615-XV1
			
Windows OS & DOM*	XP 2 GB / CE 256 MB DOM* (Disk on Module) (XP requires ~ 80 MB)		
Display	10.4" TFT	12.1" TFT	15.0" TFT
Brightness	400 cd/m2	400 cd/m2	350 cd/m2
Maximum Color	65,536 color (16 Bit)		
Contrast Ratio	400:1	500:1	550:1
Resolution	800 x 600	800 x 600	1024 x 768
Backlight Type/Life	LED / 30K Hours	Two x CCFL** / 50K Hours	Two x CCFL** / 50K Hours
Touch Panel Type	4 Wire Analog Resistive		
Touch Accuracy	+/- 2% length and width		
I/O Port	Com1 (RS232/RS485 2w/4w), Com2 (RS232), Com3 (RS232/RS485 2w)		
Ethernet Port	10/100 Base-T		
USB Port	3 Full Speed USB 2.0 : 2 Standard and 1 mini USB		
Audio Output	AC '97 Stereo (20 Bit)		
Processor	AMD Geode LX 800/500MHz core processor speed		
SDRAM Memory***	256MB DDR-400MHz		
IDE Interface	44 Pin IDE Interface		
SD Card Slot	Yes		
RTC	Built In Real Time Clock		
General Specification			
Input Voltage	24VDC		
Power Consumption	1.25A	1.25A	1.6A
CE	Complies with EN50081-2 and EN50082-2		
UL	UL Listed / NRAQ / File #305816		
FCC	Complies with FCC Class A		
Vibration Endurance	10 to 25 Hz (X, Y, Z direction 2G 30 minutes)		
IP65 / Nema 4X	Front Panel Compliance: IP65 / Nema 4X		
Operating Temperature	0-45 C (32-113 F)		
Enclosure	Polybutane Terephthalate (PBT) and Polycarbonate (PC)		
Dimensions W x H x D	286 x 212 x 50 mm	322 x 243 x 51 mm	366 x 293 x 55 mm
Weight	1.6kg (3.52 lbs)	2.1 kg (4.6lbs)	2.9kg (6.4lbs)
Warranty	2 Years		

*DOM = Disk on Module

**CCFL = Cold Cathode Fluorescent Lamp

***SDRAM = Synchronous Dynamic Random Access Memory

<u>Part Number</u>	<u>Screen Size</u>	<u>Operating System</u>	<u>DOM Memory</u>
FDC-610-XH-CE256	10.4" TFT	Windows CE v5.0 Embedded	256MB
FDC-610-XH-XPE2G	10.4" TFT	Windows XP Embedded	2GB
FDC-612-XV1-CE256	12.1" TFT	Windows CE v5.0 Embedded	256MB
FDC-612-XV1-XPE2G	12.1" TFT	Windows XP Embedded	2GB
FDC-615-XV1-CE256	15.0" TFT	Windows CE v5.0 Embedded	256MB
FDC-615-XV1-XPE2G	15.0" TFT	Windows XP Embedded	2GB

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