WHIZZARD 7200   U.S. PRICE LIST

WHIZZARD 7200 SERIES GRAPHIC CONTROLLER

7210	Self-contained Calligraphic Refresh Graphics Controller. Includes:	$16,000
	a) 12 Slot Chassis	
	b) Basic Graphics Engine	
	- 64K Byte Vector Memory	
	- System Verification PROM	
	- High Speed 32 Bit Microprocessor	
	- Hardware Character Generator	
	c) Analog Vector Generator	
7210-24	Same as 7210 except: a) 24 Slot Chassis	18,000 ✓
7250	Self contained Raster Refresh Graphics Controller. Includes:	18,000
	a) 24 Slot Chassis	
	b) Basic Graphics Engine	
	- 64K Byte Vector Memory	
	- System Verification PROM	
	- High Speed 32 Bit Microprocessor	
	- Hardware Character Generator	
	c) Basic Raster Output Modules	
	- Digital Vector Generator	
	- Timing and Control	
	- Double Buffered 512x512 Bit Plane	
	- Single Channel Video Output Card (RGB1)	
7250/2	Same as 7250 except: c) Dual Channel Video Output (RGB2)	19,000
7290	Self Contained Combination Raster and Calligraphic Graphics Controller. Includes:	21,500
	a) 24 Slot Chassis	
	b) Basic Graphics Engine	
	- 64K Byte Vector Memory	
	- System Verification PROM	
	- High Speed 32 Bit Microprocessor	
	- Hardware Character Generator	
	c) Basic Raster Output Modules	
	- Digital Vector Generator	
	- Timing and Control	
	- Double Buffered 512x512 Bit Plane	
	- Single Channel Video Output Card (RGB1)	
	d) Analog Vector Generator	
7290/2	Same as 7290 except: c) Dual Channel Video Output (RGB2)	22,500

INTERFACES OPTIONS FOR 7210, 7250

IF/DEC	UNIBUS I/F with 15' UNIBUS Cable	4,000
IF/DG	Data General I/F with 15' Cable	4,000
IF/HP	Hewlett Packard I/F with 15' Cable (Requires HP 12930A-2)	4,000
IF/PR	PRIME I/F with 15' Cable (Requires SOC 3007, 3025)	4,000
IF/UN	Universal Parallel I/F with 15' Single End Cable	4,000
IF/SER	9600 Baud RS232-C Serial I/F with 15' Cable	4,000 ✓

NOTE: For 25' DEC, DG, or UN Interface Cable, add $100. For 50' add $350. For longer SER cables order Serial Extension Cables (SEXT).

GRAPHICS ENGINE - OPTIONS

CH-24	24 Slot Chassis	$7,000
HCRST2	Hardware 2-D Rotate, Scale, Translate, Clip	6,000
HCRST3	Hardware 3-D Rotate, Scale, Translate, 2-D Clip	8,000 ✓
VM	Additional 64K byte Vector Memory	3,000 x 3
UDC	User Definable Character/Symbol Set (1024 Strokes)	1,600 ✓
RT	Refresh Timer	750

CALLIGRAPHIC OUTPUT OPTIONS

AVG	Analog Vector Generator	4,000
2DIS	Dual Display Interface Panel and Cable	500
4DIS	Quad Display Interface Panel and Cable	700

NOTE: Dual displays on the same Vector Generator require identical cabling.

DIS-E	21" Electromagnetic Display with 15 mil Spotsize, P40 Phosphor, phosphor protect, and case.	6,750
DIS-EA	Same as DIS-E except with 10 mil Spot and Dynamic Focus	7,500 ✓
DIS-P	Same as DIS-E except with rack mountable bezel	6,750
DIS-PA	Same as DIS-EA except with rack mountable bezel	7,500

NOTE: To substitute P4, P7, P31, P39 phosphor, add $200.

DIS-G	21" Color Electromagnetic Display including required Graphics Engine circuitry, microcode, and 15' Cables	24,950
VEXT-15	15' Vector Extension Cable	125
VEXT-25	25' Vector Extension Cable	175
VEXT-50	50' Vector Extension Cable	300

NOTE: All displays include 15' Cable. For 25' Cable, add $50. For 50' Cable, add $175.

RASTER OUTPUT OPTIONS

REP	Raster Enhancement Package to upgrade a 7210-24 Includes: - Digital Vector Generator - Timing and Control - Double Buffered 512x512 Bit Plane - Single Channel Video Output Card (RGB1)	10,000
REP2	Same as REP except with Dual Channel Video Output (RGB2)	11,000
DBBP	Double Buffered 512x512 Bit Plane	2,000
DIS-RA	19" Non-interlaced, High Resolution Color Display, Case, and 15' Cable	6,000
RGB1	Single Channel RGB Video Output Card	2,000
RGB2	Dual Channel RGB Video Output Card	3,000

HARDCOPY OUTPUT

HP	RASTERIZOR™ Interface with 15' Cable	3,000 ✓ special Note
HCU-T	Trilog Hard Copy with RASTERIZOR™ Interface	Factory Quote
HCU-V	Versatec Hard Copy Unit with RASTERIZOR™	10,300
MUX	4 Input Plotter Multiplexer	3,000

NOTE: RASTERIZOR and MUX are supplied with 15' Cable. For 25' Cable add 100. For 50' Cable add $350.

INTELLIGENT PERIPHERAL CONTROL UNITS (IPCU)

IPCU-KJ	IPCU with KEY and JOY Interfaces	$ 1,200
IPCU-KJA	IPCU with KEY, JOY and Asyncronous Console Port (ACP) Interfaces	2,700
IPCU-KJG	IPCU with KEY, JOY, and Tablet Interfaces	2,000
IPCU-KJGA	IPCU with KEY, JOY, Tablet and ACP Interfaces	3,500 ✓

> NOTE: ACP Interface requires KEY or KEYJOY. ACP Interface includes a 15' cable. For longer cable length order Serial Extension Cables (SEXT) below.

KEYBOARDS/JOYSTICKS (Requires IPCU)

KEY	Full ASCII keyboard with User Programmable Key Pad	750
JOY	Joystick with Control Switch	600
KEYJOY	Keyboard (KEY) and Joystick (JOY) mounted together	1,200 ✓

> NOTE: Keyboards and Joysticks are supplied with 15' cable. For 25' Cable add $50. For 50' Cable add $175.

TABLET/DIGITIZERS (Requires IPCU-KJG or IPCU-KJGA)

GT-A	Graphics Tablet (11"x11")	2,600 ✓
GT-B	Graphics Digitizer (20"x20")	3,200
GT-C	Graphics Digitizer (30"x40")	4,950
GT-D	Graphics Digitizer (36"x48")	5,250
GT-E	Graphics Digitizer (42"x60")	7,350
GT-A/D	Dual Graphics Tablet (11"x11") and 36"x48" Digitizer	6,500
GT-A/E	Dual Graphics Tablet (11"x11") and 42"x60" Digitizer	8,550
GT-CAB	Cable for User Supplied Graphics Tablet/Digitizer	300
CSR4	4 Button cursor for Tablet/Digitizers	175

> NOTE: Tablets and Digitizers are supplied with 15' cable. For 25' Cable add $50. For 50' Cable add $175.

LIGHT PEN/COMPARATOR/FUNCTION SWITCHES AND CONTROL DIALS

PM-LP/PB	Pick Module with Push Button Light Pen	3,500
PM-LP/CR	Pick Module with Capacitive Ring Light Pen	3,500
PM-DC	Pick Module with Digital Comparator	3,500
PM-LP/PB-DC	Pick Module with Push Button Light Pen and Digital Comparator	4,500
PM-LP/CR-DC	Pick Module with Capacitive Ring Light Pen and Digital Comparator	4,500 ✓
FSCD	Lighted Function Switches (16) and Control Dials (8) with Interface	3,900 ✓

> NOTE: Light Pens require P31 or P40 CRT Phosphor. Light Pens and FSCD are supplied with 15' Cable. For 25' Light Pen Interface Cable add $50. For 50' Light Pen Interface Cable add $175. For Longer FSCD cable lengths order SEXT below.

EXTENSION CABLES

SEXT-15	15' Serial Extension Cable	125
SEXT-25	25' Serial Extension Cable	175
SEXT-50	50' Serial Extension Cable	300
REXT-15	15' Raster Extension Cable	125
REXT-25	25' Raster Extension Cable	175
REXT-50	50' Raster Extension Cable	300

CLOSURES/DESKS

TD	Terminal Desk (32"Wx48"D) with 24.5 Vertical Panel Space	$ 1,000
DD	Data Desk (60"Wx41"D) with 24.5" Vertical Panel Space	1,200
DT	Data Table (60"Wx41"D)	800
RM	Rack with 54.25" Vertical Panel Space	1,200
PWR	Power Control Panel	2,000

SOFTWARE

WAND Graphics software consists of a series of FORTRAN callable subroutines with systems drivers. The appropriate dash number and distribution medium must be specified when ordering software. All software is distributed in source form with source listings.

WAND-7200-A	Fortran Graphics Package for DG RDOS	4,000
WAND-7200-B	Fortran Graphics Package for DG AOS	4,000
WAND 7200-C	Fortran Graphics Package for DEC RT-11, Version 3	4,000
WAND-7200-D	Fortran Graphics Package for DEC RSX-11M	4,000
WAND-7200-E	Fortran Graphics Package for RS232 Systems (May require a user provided host I/O Software Module)	4,000
WAND 7200-F	Fortran Graphics Package for DEC VMS	4,000

MINIMUM ORDER

A $100 minimum order applies to all purchases.

GENERAL

This price list is for information only and does not constitute an offer to sell. A formal, written quote will be issued by MEGATEK CORPORATION upon request.

All prices are exclusive of all sales, use, or other taxes, if applicable. This price list is valid for orders and equipment delivered in the continental United States only.

All options in this price list are quoted fully integrated into the system if purchased with the WHIZZARD 7200 system. Options shipped subsequent to WHIZZARD 7200 delivery are subject to price revisions and/or separate installation charges.

Due to continued product improvement and other factors, all prices, specifications, descriptions, and models in this list may change or be withdrawn without notice.

INSTALLATION

WHIZZARD 7200 installation may be contracted from MEGATEK CORPORATION at the time of purchase for $720 plus all travel expenses at cost, as required, per system.

TRAINING

Software classes are scheduled on a regular basis for $200 Company registration fee plus $125 per individual.

Hardware maintenance training is available. Please consult the factory.

ENGINEERING SERVICES

MEGATEK Engineering services are available on a contracted basis. Please consult factory for further information.

CONFIGURATION PROCEDURE

1. Choose appropriate Graphic Display Controller
2. Select Interface
3. Select Display and Output Options
4. Select Graphic Peripherals and Interfaces
5. Select Enclosures/Desks
6. Select appropriate WAND 7200 Software
7. Order Installation if desired