

SPECIFICAȚII TEHNICE (F4.1)

ID: ocds-b3wdp1-MD-1595274871270 , COD 30200000-1 - Echipament și accesorii pentru computer	Data: 31.07.2020	Alternativa nr. N/A
Denumirea Beneficiar: IP Liceul Teoretic STEFAN HOLBAN	Valabilitatea ofertei: 30 zile	Pagina __ din __

Cod CPV	Denumirea bunurilor	Modelul articolului	Producătorul / Țara de origine	Specificarea tehnică deplină solicitată de către autoritatea contractantă	Specificarea tehnică deplină propusă de către ofertant	Standard de referință
30200000-1	Display interactiv 86"	CTOUCH Riva 86" Specificatia tehnica detaliata PDF se anexeaza https://ctouch.eu/touchscreens/riva#specifications	CTOUCH EU	Display interactiv 86" de tip SMART sau echivalent Min Dimensions: 86 inch Aspect ratio: 16:9 Min Resolution: 4K UHD Brightness: 400 cd/m ² Min Angle of Visualisation: 170grad RAM 4GB, ROM 32GB Min 2 creyons SO integrat, Aplicații instalate: CUSTOMIZABLE HOME SCREEN LIVE INPUT PREVIEW, DIGITAL WHITEBOARD, WEB BROWSER, NATIVE AND APP-BASED SCREEN SHARING, AUTOMATIC OVER THE AIR (OTA) Connection: BT 4.2, Wi-Fi IEEE 802.11A/B/G/N/AC WITH 2 x 2 MIMO (BOTH 2.4 AND 5 GHZ BANDS), HDMI, USB Audio: Integrated boxes (min 15Wx2) Language of Software: Eng, Rom. Sisitem de operare inclus. Garanție min 24 luni OPS: CPU i5, RAM8GB, SSD 128GB, SO licențiat w10 Stand de fixare mobil	Display Interactiv CTOUCH Riva 86" Touch system: CTOUCH Riva 86" inch (diagonal)/ Touch system: TrueBeam Touch • Touch points: 32 • Touch tools: hands or other solid (soft tip) object • Accuracy: ±1 mm • Minimum response size: > 1,5 mm • Touch resolution: 32.768 x 32.768 pixels • Interface: USB 2.0 compatible (full speed) HID complaint, Plug & Play compatible. Backwards compatible with USB 1.1 • Supported OS: Windows, macOS, Chrome, Linux and Android • Touch driver: not required for 32 touch point (under Windows); macOS gestures require a driver Panel: Diagonal size: 85.6" (2.174 mm) • Panel technology: TFT LCD • Display resolution: 3.840 x 2.160 pixels • Frame rate: 60 Hz • Adjust the Brightness: 350 cd/m • Aspect ratio: 16:9 • Contrast ratio (static): 1.200:1 • Contrast ratio (dynamic): 9.000:1 • Response time (gray to gray): 8 ms • Display colours: 1.07 Billion (10 bits) • Pixel pitch (W x H): 0.4935 x 0.4935 mm • Viewing angle: 178° / 178° • Backlight type: direct LED • Service life: > 30.000 hours • Orientation: landscape, Glass: Triple S Glass (Smooth, Stripeless, Safety) • Type: heat tempered, anti glare, safety glass • Thickness: 4 mm • Hardness: 7 Mohs, Memory: 4 GB • On-board storage: 32 GB, Wi-Fi module Connection: support BT 4.2 & Wi-Fi 2.4 AND 5 GHZ BANDS, Stereo 3-way 80 WATTS JBL SPEAKERS/ Frequency range: 60 Hz - 20 kHz • JBL® LiveStage (Virtual) surround sound/. Connectivity: Video input (digital): 3x HDMI 2.0 (1x ARC), 1x DP 1.2, 1x USB-C (USB 3.1 Gen 2) • Video output (digital): 1x HDMI out • Video input (analog): 1x VGA (including 1x Mini Jack) • Audio input: 1x Mini Jack (dedicated audio source) • Audio output: 1x Mini Jack, 1x S/PDIF Optical • USB: 3x USB 3.0 (type A), 2x USB 2.0 (type A) • Touch: 3x USB (type B) • RS232C: 1x DE-9F • LAN port: 2x RJ45 10/100/1000 BaseT • Module-slots: 1x Wi-Fi slot, 1x OPS-slot • Dedicated ports: 1x NFC Reader port, 1x Fingerprint Scanner port Include in set: CTOUCH-Wallom2-mobile Support, Electrical lift system Flexible and easy maneuverable lift solution for CTOUCH displays OPS i5 PC Module Processor: Intel® Whiskey Lake-U i5-8265U • Memory: SDRAM DDR4 2133MHz 8GB • Storage: 1 x 128GB M.2 2280 SSD 2 x USB 3.1 Gen2 Type-A • 1 x USB 3.0 Type-A • 1 x USB 2.0 Type-A • 1 x USB 3.1 Type-C (CC/DP) • 1 x RJ45 10/100/1000M • 1 x HDMI 1.4a out • 1 x 3.5mm Line out • 1 x 3.5mm Mic in • 2 x WIFI/BT ANT • 1 x Power button • 1 x Reset button • 1 x Power LED • 1 x SSD LED, JAE 80-pin Connector: 1 x HDMI 2.0, 3 x USB 2.0/3.0, TTL • Power input: 12-19V DC IN • SIM card slot, Windows 10 IoT Product accessories: Accessories included: Power cable (3 m), USB touch cable (3m), HDMI cable (3 m), USB-C cable (1 m), remote control (incl.batteries), 2 passive pens, cleaning cloth, quick start guide GARANTIA: 24 LUNI	Quality approvals Regulatory approvals: CE, FCC, RoHS compliant • Green approval: WEEE • ISO Standard: ISO9001 and ISO14001

Display interactiv 75"	CTOUCH Riva 75" Specificatia tehnica detaliata PDF se anexeaza https://ctouch.eu/touchscreens/riva#specifications	CTOUCH EU	Display interactiv 75" de tip SMART sau echivalent Min Dimensions: 75 inch Aspect ratio: 16:9 Min Resolution: 4K UHD Brightness: 400 cd/m² Min Angle of Visualisation: 170grad RAM 4GB, ROM 32GB Min 2 creyons SO integrat, Aplicații instalate: CUSTOMIZABLE HOME SCREEN LIVE INPUT PREVIEW, DIGITAL WHITEBOARD, WEB BROWSER, NATIVE AND APP-BASED SCREEN SHARING, AUTOMATIC OVER THE AIR (OTA) Connection: BT 4.2, Wi-Fi IEEE 802.11A/B/G/N/AC WITH 2 × 2 MIMO (BOTH 2.4 AND 5 GHZ BANDS), HDMI, USB Audio: Integrated boxes (min 15Wx2) Language of Software: Eng, Rom. Sisitem de operare inclus. Garanție min 24 luni Cablul HDMI 5m Cablu USB 5m Stand de fixare perete compatibil	• Display Interactiv CTOUCH Riva 75" Touch system: CTOUCH Riva 75" inch (diagonal)/ Touch system: TrueBeam Touch • Touch points: 32 • Touch tools: hands or other solid (soft tip) object • Accuracy: ±1 mm • Minimum response size: > 1,5 mm • Touch resolution: 32.768 x 32.768 pixels • Interface: USB 2.0 compatible (full speed) HID complaint, Plug & Play compatible. Backwards compatible with USB 1.1 • Supported OS: Windows, macOS, Chrome, Linux and Android • Touch driver: not required for 32 touch point (under Windows); macOS gestures require a driver Panel: Diagonal size: 74.52" (1.893 mm) • Panel technology: TFT LCD • Display resolution: 3.840 x 2.160 pixels • Frame rate: 60 Hz • Adjust the Brightness: 350 cd/m • Aspect ratio: 16:9 • Contrast ratio (static): 4.000:1 • Contrast ratio (dynamic): 11.000:1 • Response time (gray to gray): 8 ms • Display colours: 1.07 Billion (10 bits) • Pixel pitch (W x H): 0.42975 x 0.42975 mm • Viewing angle: 178° / 178° • Backlight type: direct LED • Service life: > 30.000 hours • Orientation: landscape, Glass: Triple S Glass (Smooth, Stripeless, Safety) • Type: heat tempered, anti glare, safety glass • Thickness: 4 mm • Hardness: 7 Mohs, Memory: 4 GB • On-board storage: 32 GB, Wi-Fi module Connection: support BT 4.2 & Wi-Fi 2.4 AND 5 GHZ BANDS, Stereo 3-way 80 WATTS JBL SPEAKERS/ Frequency range: 60 Hz - 20 kHz • JBL® LiveStage (Virtual) surround sound/. Connectivity: Video input (digital): 3x HDMI 2.0 (1x ARC), 1x DP 1.2, 1x USB-C (USB 3.1 Gen 2) • Video output (digital): 1x HDMI out • Video input (analog): 1x VGA (including 1x Mini Jack) • Audio input: 1x Mini Jack (dedicated audio source) • Audio output: 1x Mini Jack, 1x S/PDIF Optical • USB: 3x USB 3.0 (type A), 2x USB 2.0 (type A) • Touch: 3x USB (type B) • RS232C: 1x DE-9F • LAN port: 2x RJ45 10/100/1000 BaseT • Module-slots: 1x Wi-Fi slot, 1x OPS-slot • Dedicated ports: 1x NFC Reader port, 1x Fingerprint Scanner port Include in set: Product accesorii std: Accessories included: Power cable (3 m), USB touch cable (3m), HDMI cable (3 m), USB-C cable (1 m), remote control (incl.batteries), 2 passive pens, cleaning cloth, quick start guide & <u>Cable HDMI - 5m - Brackton "Professional" K-HDE-BKR-0500.BS, 5 m, High Speed Wall Mount Black 60"-98", Vesa Compatibil , max.100kg, Dist-to-wall:130mm</u> • GARANTIA: 24 LUNI	Quality approvals Regulatory approvals: CE, FCC, RoHS compliant • Green approval: WEEE • ISO Standard: ISO9001 and ISO14001
Display interactiv 65"	CTOUCH Riva 65" Specificatia tehnica detaliata PDF se anexeaza https://ctouch.eu/touchscreens/riva#specifications	CTOUCH EU	Display interactiv 65" de tip SMART sau echivalent Min Dimensions: 65 inch Aspect ratio: 16:9 Min Resolution: 4K UHD Brightness: 400 cd/m² Min Angle of Visualisation: 170grad RAM 4GB, ROM 32GB Min 2 creyons SO integrat, Aplicații instalate: CUSTOMIZABLE HOME SCREEN LIVE INPUT PREVIEW, DIGITAL WHITEBOARD, WEB BROWSER, NATIVE AND APP-BASED SCREEN SHARING, AUTOMATIC OVER THE AIR (OTA) Connection: BT 4.2, Wi-Fi IEEE 802.11A/B/G/N/AC WITH 2 ×	• Display Interactiv CTOUCH Riva 65" Touch system: CTOUCH Riva 65" inch (diagonal)/ Touch system: TrueBeam Touch • Touch points: 32 • Touch tools: hands or other solid (soft tip) object • Accuracy: ±1 mm • Minimum response size: > 1,5 mm • Touch resolution: 32.768 x 32.768 pixels • Interface: USB 2.0 compatible (full speed) HID complaint, Plug & Play compatible. Backwards compatible with USB 1.1 • Supported OS: Windows, macOS, Chrome, Linux and Android • Touch driver: not required for 32 touch point (under Windows); macOS gestures require a driver Panel: Diagonal size: 64.53" (1.639 mm) • Panel technology: TFT LCD • Display resolution: 3.840 x 2.160 pixels • Frame rate: 60 Hz • Adjust the Brightness: 350 cd/m • Aspect ratio: 16:9 • Contrast ratio (static): 5.000:1 • Contrast ratio (dynamic): 12.000:1 • Response time (gray to gray): 8 ms • Display colours: 1.07 Billion (10 bits) • Pixel pitch (W x H): 0.372 x 0.372 mm • Viewing angle: 178° / 178° • Backlight type: direct LED • Service life: > 30.000 hours • Orientation: landscape, Glass: Triple S Glass (Smooth, Stripeless, Safety) • Type: heat tempered, anti glare, safety glass • Thickness: 4 mm • Hardness: 7 Mohs, Memory: 4 GB • On-board storage: 32 GB, Wi-Fi module Connection: support BT 4.2 & Wi-Fi 2.4 AND 5 GHZ BANDS, Stereo 3-way 80 WATTS JBL SPEAKERS/ Frequency range: 60 Hz - 20 kHz • JBL® LiveStage (Virtual) surround sound/.	Quality approvals Regulatory approvals: CE, FCC, RoHS compliant • Green approval: WEEE • ISO Standard: ISO9001 and ISO14001

				2 MIMO (BOTH 2.4 AND 5 GHZ BANDS), HDMI, USB Audio: Integrated boxes (min 15Wx2) Language of Software: Eng, Rom. Sisitem de operare inclus. Garanție min 24 luni Cablu HDMI 5m Cablu USB 5m Stand de fixare perete compatibil	Connectivity: Video input (digital): 3x HDMI 2.0 (1x ARC), 1x DP 1.2, 1x USB-C (USB 3.1 Gen 2) • Video output (digital): 1x HDMI out • Video input (analog): 1x VGA (including 1x Mini Jack) • Audio input: 1x Mini Jack (dedicated audio source) • Audio output: 1x Mini Jack, 1x S/PDIF Optical • USB: 3x USB 3.0 (type A), 2x USB 2.0 (type A) • Touch: 3x USB (type B) • RS232C: 1x DE-9F • LAN port: 2x RJ45 10/100/1000 BaseT • Module-slots: 1x Wi-Fi slot, 1x OPS-slot • Dedicated ports: 1x NFC Reader port, 1x Fingerprint Scanner port Include in set: Product accesorii std: Accessories included: Power cable (3 m), USB touch cable (3m), HDMI cable (3 m), USB-C cable (1 m), remote control (incl.batteries), 2 passive pens, cleaning cloth, quick start guide & <u>Cable HDMI - 5m - Brackton "Professional" K-HDE-BKR-0500.BS, 5 m, High Speed Wall Mount Black 60"-98", Vesa Compatibil , max.100kg, Dist-to-wall:130mm</u> • GARANTIA: 24 LUNI	
30200000-1	Proiector All In One portabil	MAVIW02 https://www.euroditectica.ro/sisteme-interactiv-e/video-proiectoare-interactiv-e-all-in-one/video-proiector-all-in-one-pentation-de-t	Pentation EU	Conform caietului de sarcini	• Videoproiector All-In-One Pentation (portabil) MAVIW02 <i>Proiector</i> • Tehnologie display: TI 0.55 DMD • Rezolutie nativa: XGA (1024x768) • Format: 16:9, 4:3 • Lampa: 230 W/ 6000 ore/ 3000 ore • Luminozitate: 3000 lumeni • Contrast: 3000:1 • Offset imagine: 108%-118% • Ratie: 0.54:1 • Dimensiune diagonala: 30"-180" • Distanta proiectie: 0.35m-2.09m • Conectivitate: HDMIx1, 3.5mm audiox1, USB, RJ45 • Video: 480i, 480p, 576i, 576p, 720p, 1080i, VGA, SVGA, XGA, SXGA, WXGA, Quad VGA, MAC19, MAC, SECAM, PAL, NTSC • Consum: 310W/ • Alimentare: 100V-240V AC 50-60 Hz <i>Calculator incorporat</i> • Procesor: INTEL G1610 2.6 GHz Dual-Core • Memorie: 2GB DDR3 • Hard-Disk: 320GB • Conexiuni: USBx4, microfonx1, audiox2, RJ45x1, PS2x1, RS232x1, VGAx1 • LAN: 10/100/1000MB pe sec. • sistem audio incorporat: 20Wx2 • Windows licentiat <i>Sistem interactiv</i> • Tehnologie: infrarosu • Calibrare: 9 puncte • Functioneaza cu pixuri electronice • Soft interactiv inclus cu librerie de resurse <i>Camera de documente</i> • Chip fotosenzitiv: CMOS • Rezolutie: 5 Megapixeli • Focusare automata: Da • Brat reglabil pe inaltime cu suport pliabil rotativ • Posibilitate captare imagini, editare, notare • Lumina pe baza de LED-uri • GARANTIA: 24 LUNI	Quality approvals Regulatory approvals: CE, FCC, RoHS compliant • Green approval: WEEE • ISO Standard: ISO9001 and ISO14001

	Proiector home cinema	H6810 https://www.acer.com/ac/ru/RU/content/professional-model/MR.JQK11.001	ACER China	Conform caietului de sarcini	Home Cinema Proiector ACER H6810 (MR.JQK11.001) DLP 3D, 4K UHD, 3840x2160, DynamicBlack™ (Lamp, 10,000:1), 3500 Lm, 16:9, Philips 240W, 4,000 Hours (Standard), 10,000 Hours (ECO), 15,000 Hours (ExtremeEco)*, Analog RGB/Component Video (D-sub) x 1 HDMI (Video, Audio, HDCP) x 1 HDMI 2.0 (Video, Audio, HDCP 2.2) x 1PC Audio (Stereo mini jack) x 1, PC Audio (Stereo mini jack) x 1 DC Out (5V/1.5A, USB Type A) x 1, USB (Mini-B) x 1 RS232 (D-sub) x 1 12V DC (Screen control) x 1,10W Mono Speaker, 26"~ 300"(66cm~762cm) , 1.47~1.76 (61"@2m), 1m~9.8m (3.3'~32'), Optical Zoom Ratio 1.2x, WirelessCAST (via USB Power), Wireless Capability Yes (By optional WirelessCAST) , Bag, White, 4,0 Kg Include in set: <u>Suport de prindere a proiectorului compatibil</u> <u>Adaptor wireless compatibil proiectorului</u> GARANTIA: 24 LUNI	ISO9001 and ISO14001 Moldova standard
30200000-1	panou TV LED	RU7092 https://www.samsung.com/ro/tvs/uhdtv-ru7092/UE65RU7092UXXH/	SAMSUNG Corea	Conform caietului de sarcini	TV LED PANOU SAMSUNG RU7092 65"/ 165 cm, 4K UHD 3840*2160, Smart TV, HDR 10+, HLG, UHD Dimming, boxe 2*20W, bluetooth, DVB-T2CS2, CI+, tuner analogic, WiFi Direct, 3*HDMI, 2*USB, component, composit, Ethernet (LAN) (1xRJ45), RF, slot CI, Wireless LAN integrat, VESA compatibil, Clasa de eficiență energeticăA+ In set include: Telecomanda , Baterii (Pentru telecomanda) Cablu de alimentare & Cable HDMI CC-HDMI4-10M, 10 m, HDMI v.1.4, GARANTIA: 24 LUNI	ISO9001 and ISO14001 Moldova standard



Semnat:

Nume: Gheorghe STOIAN

Manager vanzari AV-MACROCOM" SRL.

Data: 31.07.2020

SPECIFICAȚII DE PREȚ (F4.2)

ID: ocds-b3wdp1-MD-1595274871270 , COD 30200000-1 - Echipament și accesorii pentru computer	Data: 31.07.2020	Alternativa nr. N/A
Denumirea Beneficiar: IP Liceul Teoretic STEFAN HOLBAN	Valabilitatea ofertei: 30 zile	Pagina __ din __

Nr d/o	Cod CPV	Denumirea bunurilor și/sau a serviciilor	Unitatea de măsură	Cantitatea	Preț unitar (fără TVA)	Preț unitar (cu TVA)	Suma fără TVA	Suma cu TVA	Termenul de livrare/prestare
	1	2	3	4	5	6	7	8	9
LOT_1	30200000-1	Display interactiv 86"	Buc	1	83020,00	99624,00	83020,00	99624,00	in termen de 30 de zile după semnarea contractului,
	30200000-1	Display interactiv 75"	Buc	2	51200,00	61440,00	102400,00	122880,00	
	30200000-1	Display interactiv 65"	Buc	4	36895,00	44274,00	147580,00	177096,00	
TOTALA LOT_1 (fara TVA/cu TVA)							333 000,00	399 600,00	
LOT_2	30200000-1	Proiector All In One portabil	Buc	1	56930,00	68316,00	56930,00	68316,00	
	30200000-1	Proiector home cinema	Buc	1	22070,00	26484,00	22070,00	26484,00	
TOTALA LOT_2 (fara TVA/cu TVA)							79 000,00	94 800,00	
LOT_3	30200000-1	panou TV LED	Buc	19	11845,00	14214,00	225055,00	270066,00	
SUMA TOTALA PE OFERTA (fara TVA/cu TVA)							637 055,00	764 466,00	

- *Oferta de pret include cheltuielile pentru serviciile de livrare si instalarea echipamentului.*
- *Livrarea si instalarea se va efectua de către compania AV-MACROCOM SRL la adresa indicată de Beneficiar*



Nume: Gheorghe STOIAN

În calitate de: Manager Vanzari,

Ofertantul: „AV-MACROCOM” SRL.

Adresa: mun. Chisinau, str. Gradina Botanica 15

Data: 31.07.2020