



VILLAGE PRESIDENT

JEFFERY J. PRUYN

VILLAGE CLERK

JODY A. CONIDI

VILLAGE ADMINISTRATOR

CARIE ANNE ERGO

VILLAGE TRUSTEES

JEFF AIANI

MELISSA CHRISTENSEN

BRENDAN DALY

DINO GAVANES

ELLEN LEAHY

PATRICK POWERS

AGENDA REQUEST MEMO

TO: Carie Anne Ergo, Village Administrator
FROM: Michael Walker, Deputy Chief of Administration
THROUGH: Director Robert O'Connor
DATE: January 20, 2026
TITLE: Discussion and Possible Action on Approval of a Task Order to Enhanced Networks for Replacement of Police Department Mobile Data Computers in an amount estimated to be \$54,824.13

RECOMMENDED MOTIONS:

- 1) **Move to Waive Second Reading and Take Final Action** on a Task Order to Enhanced Networks for replacement of Mobile Data Computers.
- 2) **Move to Approve** a Task Order to Enhanced Networks for Replacement of Police Department Mobile Data Computers in an amount estimated to be \$54,824.13

INTRODUCTION

This memorandum requests approval for the replacement of Mobile Data Computers (MDCs) for the Police Department, including associated hardware, warranties, accessories, and professional services.

DISCUSSION

In the FY26 budget planning process, the Village Board allocated funding for project IT-17-003 to replace end-of-life Mobile Data Computers (MDCs) currently deployed in Police Department squad cars. The existing MDCs have reached the end of their useful life and are no longer capable of meeting modern security requirements, performance expectations, or operational demands. In addition, the Village is adding a seventh squad car to the Police Department fleet, requiring an additional MDC.

The proposed solution includes the replacement of all MDCs with Panasonic Toughbook FZ-40 laptops, selected for their durability, performance, and suitability for public safety environments. These units are expected to have an operational lifespan of four to six years. The project also includes vehicle docking stations, power supplies, mounting hardware, extended warranties, and required software deployment.

Enhanced Networks, Inc. will provide full lifecycle implementation services, including system imaging, configuration, deployment, installation, data migration, and secure decommissioning of retired equipment. All systems will be configured to meet operational and cybersecurity requirements, including installation and

validation of VPN, MPS, FBR, WebRMS, and Microsoft Office LTSC to ensure compatibility with ETSB systems.

If the Village proceeds with the purchase prior to January 21st, the project will realize cost savings of \$809.04 due to current vendor pricing and promotional discounts. Pricing increases effective on January 22nd are related to industry-wide memory shortages driven by increased demand from AI technologies.

FISCAL IMPACT

The total project cost, if approved and purchased prior to January 21st, is \$54,824.13. This includes hardware, extended warranties, docking equipment, shipping, miscellaneous imaging items, and professional labor services. Funding for this project has been allocated in the FY25–26 budget and is within the approved budget amount of \$55,000.

If the purchase is delayed until January 22nd, the total project cost will increase to \$55,594.13.

STAFF RECOMMENDATION

Staff recommends the item be forwarded to the Village Board for First Reading on January 20, 2026, for consideration and approval.

AFTER ACTION STEPS

Upon approval, staff will issue purchase orders through approved master contracts, coordinate delivery and installation with Enhanced Networks, Inc., ensure secure decommissioning of retired equipment, update asset inventory records, and file documentation with the Clerk’s Office.

ATTACHMENTS

Mobile Data Computer Replacement Task Order IT-17-003

Vendor quotes and cost breakdown

Panasonic Toughbook Literature from Vendor

TASK ORDER REQUEST

To: Village of Itasca

From: Enhanced Networks

Date: 1/13/2026

Project Title: Mobile Data Computer Replacement

Project Number: IT-17-003 IT

Department: Police Department (PD)

BACKGROUND AND PURPOSE

As part of the FY25–26 budget planning process, the Village allocated **\$55,000** for the replacement of end-of-life Mobile Data Computers (MDCs) currently deployed within the six squad cars at the Police Department. These devices have reached the end of their useful life and are no longer capable of effectively supporting modern security requirements, performance expectations, or productivity standards. The Village is adding a seventh squad car to its fleet this year as well.

This task order outlines the scope of work and replacement strategy for MDCs under **Project Number IT-17-003**, ensuring continuity of operations, improved security posture, and readiness for future technology initiatives.

COST SAVINGS OPPORTUNITY

If the Village proceeds with the purchase **prior to January 21**, the Village will realize a **cost savings of exactly \$809.04** based on current vendor pricing and promotional discounts. This price increase, effective 1-22-2025, is directly related to the memory shortage industry wide due to the AI technology growth. Acting within this timeframe maximizes the value of the allocated budget and reduces overall project cost.

SCOPE OF WORK

Enhanced Networks, Inc. will be responsible for the full lifecycle implementation of the MDC replacement project, including specification design, configuration, imaging, deployment, and installation of new Mobile Data Computers as described in the table below.

All replacement units will be Panasonic Toughbook FZ-40 laptops, selected for their durability, performance, and suitability for public safety environments. These devices are expected to have an operational lifespan of 4 to 6 years.

The replacement plan accounts for user-specific operational needs, including docking stations and external monitors where applicable.

Data Migration and Cybersecurity Enhancements

Enhanced Networks, Inc. will perform all required software configuration and setup necessary to ensure the Mobile Data Computers operate reliably and in accordance with operational requirements. This includes the installation, configuration, and validation of the VPN client, MPS, FBR, WebRMS, and Microsoft Office LTSC to ensure full compatibility and proper functionality with ETSB systems.

Decommissioning and Asset Management

All retired MDC systems will be securely decommissioned by Enhanced Networks, Inc. in accordance with industry best practices. This includes complete data sanitization to ensure no residual data remains.

Upon project completion, all relevant asset management records will be updated, including the Village's Inventory Database.

Technology Overview

Each workstation specified under this task order features Intel's latest processor architecture, which includes an integrated Neural Processing Unit (NPU)—a dedicated AI engine designed to efficiently support modern workloads.

The NPU enables:

- On-device AI processing
- Improved performance and power efficiency
- Support for real-time applications such as transcription, summarization, and intelligent assistant tools

This positions the Village to leverage emerging AI capabilities built into Windows 11 and future IT environments.

FINANCIAL CONSIDERATIONS

Vendors:

- AMAZON gov via Village Account (~\$350.00)
- Enhanced Networks, Inc. (\$11,928.13)
Primary implementation and professional services provider.
- CDS Technologies (\$43,316.00 or \$42,546.00)
CDS is the preferred vendor for the State of Illinois, including State Agencies and Local Municipalities. CDS provides access to laptops, configure-to-order devices, and special public sector pricing.

Master Contracts

Procurement will be conducted through the following approved contracts:

- OMNIA Partners Public Sector Contract #171725-01
- Sourcewell Contract #010720-PAN
- Statewide Laptop Master Contract

Labor Estimate

Enhanced Networks, Inc. has estimated a total of **88 labor hours**, consisting of:

- **63.25 hours** of Network Consulting at **\$147.50/hour**
- **24.75 hours** of Desktop Consulting at **\$105.00/hour**

Enhanced Networks, Inc. – Detailed Scope

- Provision Snap Deploy on IT server
- Sysprep Panasonic Toughbooks
- Create system image
- Deploy image to all Toughbook units
- Complete post-imaging device provisioning
- Install and configure required applications, including:
 - VPN
 - MPS
 - FBR
 - WebRMS

Total if purchased before 1-21-2026.

Vendor	Manufacturer	Description	Qty	Price	Total
CDS Technologies	Panasonic	Toughbook FZ-40 laptop	7	\$4,257.00	\$29,799.00
CDS Technologies	Panasonic	Toughbook FZ-40 extended warranty	7	\$639.00	\$4,473.00
CDS Technologies	Havis	LITE Vehicle Dock for Toughbook FZ-40	7	\$789.00	\$5,523.00
CDS Technologies	Havis	LITE Vehicle Dock extended warranty	7	\$187.00	\$1,309.00
CDS Technologies	Havis	LITE Vehicle Dock Power Supply	7	\$174.00	\$1,218.00
CDS Technologies	Havis	Havis Dock Bracket	7	\$32.00	\$224.00
Amazon Gov	Misc	Misc. IT imaging items.	1	\$250.00	\$250.00
Shipping	Shipping	Shipping	1	\$100.00	\$100.00
Enhanced Networks	Enhanced Networks	Labor	1	\$11,928.13	\$11,928.13

Total \$54,824.13

Total if purchased after 1-21-2026.

Vendor	Manufacturer	Description	Qty	Price	Total
CDS Technologies	Panasonic	Toughbook FZ-40 laptop	7	\$4,367.00	\$30,569.00
CDS Technologies	Panasonic	Toughbook FZ-40 extended warranty	7	\$639.00	\$4,473.00
CDS Technologies	Havis	LITE Vehicle Dock for Toughbook FZ-40	7	\$789.00	\$5,523.00
CDS Technologies	Havis	LITE Vehicle Dock extended warranty	7	\$187.00	\$1,309.00
CDS Technologies	Havis	LITE Vehicle Dock Power Supply	7	\$174.00	\$1,218.00
CDS Technologies	Havis	Havis Dock Bracket	7	\$32.00	\$224.00
Amazon Gov	Misc	Misc. IT imaging items.	1	\$250.00	\$250.00
Shipping	Shipping	Shipping	1	\$100.00	\$100.00
Enhanced Networks	Enhanced Networks	Labor	1	\$11,928.13	\$11,928.13

Total \$55,594.13



**FY 2026 Budget
IT Decision Package
New Initiative/Major Change Request Form
To Be Submitted for All New Budget Initiatives or Changes Over \$5,000**

IT Project #	17-003
Project Name:	Mobile Data Computers (Squad CarTough Books)

Department	IT-PD
Type	Equipment
Priority	1

DESCRIPTION

Law enforcement vehicles are equipped with Toughbooks, a type of rugged laptop built to withstand the demanding conditions of daily patrols. These laptops allow officers to access important data and complete tasks while on the move. The CF-31 Toughbooks currently used in all six squad cars need to be replaced due to incompatibility with Windows 11. Additionally, with the planned purchase of a seventh squad car, new equipment will also need to be purchased.

JUSTIFICATION

Windows 10 is set to sunset in October 2025 and will no longer receive security updates or support, leaving devices running Windows 10 vulnerable to security threats and performance issues. The Panasonic Toughbooks in the police squads, which were purchased at the same time, cannot support Windows 11 because Panasonic does not provide the necessary drivers for these models, making them incompatible with future software updates. Without these updates, the devices will not meet Criminal Justice Information Services (CJIS) compliance standards.

Enhanced Networks has recommended upgrading to the Panasonic FZ-40 Toughbooks, which are fully compatible with Windows 11 and offer better performance and security.

ACCOUNT NUMBERS	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	Total
01-08-73007	\$ -	\$ 55,000	\$ -	\$ -	\$ -	\$ -	\$ 55,000
							\$ -
							\$ -
							\$ -
							\$ -
Total	\$ -	\$ 55,000	\$ -	\$ -	\$ -	\$ -	\$ 55,000

ACTION (Budgeted/Deferred)

APPROVED



CDS Office Technologies
 1271 HAMILTON PARKWAY
 Itasca, Illinois 60143
 United States
 (P) 630-625-4519
 (F) 630-305-9876

Quotation (Open)	
Date	Jan 08, 2026 02:10 PM CST
Modified Date	Jan 08, 2026 02:12 PM CST
Quote #	511127 - rev 1 of 1
Description	7 x FZ-40EZ-0ABM5Y (for purchases before 1/21/2026)
SalesRep	Gottlieb, Mark (P) 630-625-4519 (F) 630-305-9876
Customer Contact	Walker, Mike (P) 630-228-5702 mwalker@itasca.com

Customer
 Itasca Police Department (22182)
 Walker, Mike
 540 W Irving Park Road
 Itasca, IL 60143
 United States
 (P) 630-773-1004

Bill To
 Itasca Police Department
 Accounts, Payable
 540 W Irving Park Rd
 Itasca, IL 60143
 United States

Ship To
 Itasca Police Department
 Poulakidas, Tom
 540 W Irving Park Rd
 Itasca, IL 60143
 United States
 Tpoulakidas@itasca.com

Customer PO:	Terms: Purchase Order (Net 30)	Ship Via: UPS Ground
Special Instructions:		Carrier Account #:

#	Description	Part #	Qty	Unit Price	Total
Panasonic Toughbook FZ-40 - Fully Rugged					
1	Panasonic Toughbook 40 (Mk2, Ultra 5, base) BSKU, Win11 Pro, Intel Core Ultra 5 135H vPro (up to 4.6GHz), AMT, 14.0" FHD Gloved Multi Touch, 16GB, 512GB OPAL SSD, Intel Wi-Fi 7, Bluetooth, Mic and Infrared 5MP Webcam, Standard Battery, TPM 2.0, Emissive Backlit Keyboard, Flat Note: - CF-SVCLTNF3YR - 3 Year Protection Plus Warranty, CF-SVC512SSD3Y - 3 Year No Return of Defective Drive, CF-SVCPDEP3Y - 3 Year Premier Deployment, FZ-SVCFESGEN10 - Field Engineering Support	FZ-40EZ-0ABM	7	\$4,257.00	\$29,799.00
2	Panasonic Public Sector Service Package 4th and 5th years Public Safety Service Bundle Extension (Year 4 & 5 only). Includes Premier, Protection Plus, Customer Portal, Disk Image Management, HDD No Return.	CF-SVCPSY5	7	\$639.00	\$4,473.00
Havis Docks & Power Supplies					
3	Havis - LITE Vehicle Dock for Toughbook FZ-40 Fully Rugged (No Pass) 3 x USB-A, 3 x USB-C, Serial, 2 x LAN	DS-PAN-1501	7	\$789.00	\$5,523.00
4	Havis - Enhanced Protection Plan 4th/5th year extended warranty For HA-40LVDS0/DS-PAN-1501 for Toughbook FZ-40	EP5-PAN-1501	7	\$187.00	\$1,309.00
5	Havis - 120W DC Power Supply with a 90° Right Angle Panasonic connector	120N-B01-R03-1	7	\$174.00	\$1,218.00
6	Multipurpose Bracket Secures Power Supplies on Havis Docking Stations or Cradles	LPS-211	7	\$32.00	\$224.00
Security Software					
7	5 Years of Panasonic Smart Compliance solution for endpoints - Subscription license to provide continuous monitoring of endpoint devices, including TOUGHBOOKS and non-Panasonic desktops and laptops Support included; One license per device; License can be transferred to a different endpoint	SVC-SCLECM5Y	7	\$150.00	\$1,050.00
8	Absolute Control 60 Month Term - 1-249 Unit Volume - For Local, State and Federal Government	SVC-ABLCGOV5YA	7	\$125.00	\$875.00

Subtotal: \$44,471.00
 Tax (.0000%): \$0.00
 Shipping: \$55.00
Total: \$44,526.00

Sales Representative:
Mark Gottlieb | mgottlieb@cdsot.com

CDS Office Technologies disclaims any responsibility for product information and products described on this site. Some product information may be confusing without additional explanation. All product information, including prices, features, and availability, is subject to change without notice. Applicable taxes & shipping may be added to the final order. All returns must be accompanied by original invoice and authorized RMA number within 30 days of invoice date and are subject to a 15% restocking fee. Due to manufacturer's restrictions, Panasonic items are not eligible for return. Late fees may apply to payments past 30 days from invoice date. Additional tariffs, taxes, or fees may apply and are not included in the quoted price. Please contact your sales representative if you have any questions.



TOUGHBOOK 40—ACCESSORY AND SERVICE GUIDE

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TOUGHBOOK 40 Mk2

PANASONIC EXPANSION AREAS & xPAKs

Left Expansion Area

Barcode Reader xPAK
FZ-VBR402M



(Not compatible with mk1)

Insertable Smart Card xPAK
FZ-VSC402U



Blu-ray Drive xPAK
FZ-VBD401AM



(Not compatible with mk1)

2nd SSD Drive xPAK
FZ-V2S400T2M (512GB OPAL)
FZ-V2S401T2M (1TB OPAL)
FZ-V2S402T2M (2TB OPAL)

FZ-V2F400T1M (512GB FIPS)
FZ-V2F401T1M (1TB FIPS)
FZ-V2F402T1M (2TB FIPS)



(Not compatible with mk1)

DVD Drive xPAK
FZ-VDM401AM



(Not compatible with mk1)

Right Expansion Area

Insertable Smart Card xPAK
FZ-VSC401U



2nd Battery
FZ-VZSU1XU



Palm Rest Expansion Area

Fingerprint (Active Dir) xPAK
FZ-VFP402W



Contactless Smart Card xPAK
FZ-VNF402M



Rear Expansion Area

VGA + Serial (true) + LAN xPAK
FZ-VCN401U



USB-A + HDMI + Serial (true) xPAK
FZ-VCN402U



USB-A (x2) + HDMI xPAK
FZ-VCN403U



Fischer LAN with Metal Cap
FZ-VCN404W



USB-C + USB-A + HDMI
FZ-VCN406U



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TOUGHBOOK 40 Mk2
Please refer to the website for full product details.

MEMORY & STORAGE

Panasonic Main Storage

512GB CAGED SSD
1TB CAGED SSD
2TB CAGED SSD

OPAL
FZ-VSD400T2M
FZ-VSD401T2M
FZ-VSD402T2M

FIPS 140-2 Encrypted
FZ-VSF400T1M
FZ-VSF401T1M
FZ-VSF402T1M



(OPAL SSD's not compatible with mk1)

Panasonic Memory (RAM)

16GB DDR5-5600MHz
32GB DDR5-5600MHz

FZ-BAZ2316
FZ-BAZ2332



(Not compatible with mk1)

KEYBOARDS

Panasonic Emissive Backlit Keyboard (US)

FZ-VKB55107U



Panasonic Rubber Backlit Keyboard (US)

FZ-VKB40207W



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TOUGHBOOK 40 Mk2
Please refer to the website for full product details.

POWER

Panasonic Standard Battery

FZ-VZSU1XU



Panasonic 4-bay Battery Charger

FZ-VCB551M



Panasonic AC Adapter 110W

CF-AA5713A2M



LIND Car Charger 120W

CF-LNDDC120



WIRELESS

Airgain 3-in-1 5G Antenna Kit (Cell, Cell, Dedicated GPS)

Threaded Black Mount
AI-405G3CG19



Airgain 4-in-1 5G Antenna Kit (Cell, Cell, WWAN-GPS)

Threaded Black Mount
AI-405G4CCGP19



Cradlepoint R1900 Router Bundle

(Includes Router, 3 Year NetCloud Mobile Essentials + Advanced Plan)

5G Sub6 & 4G, GPS, Wi-Fi 6, Bluetooth 5.1, Ethernet
CP-UNR1900EA3Y



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TOUGHBOOK 40 Mk2
Please refer to the website for full product details.

DESKTOP DOCKS

Panasonic 40 Desktop Dock

FZ-VEB401U

USB-A (3), USB-C (3), HDMI, Serial, LAN (2), Kensington Lock, LED, Power Button

Includes one front USB-C, two video out (HDMI + one USB-C), rear USB-C's are 10Gbps and 1.5A



VEHICLE DOCKS

Gamber-Johnson Vehicle Docks

GJ-40LVC	Cradle (no electronics)
GJ-40LVDL0	Lite Dock (no pass through)
GJ-40LVDL4	Lite Dock (quad pass through)
GJ-40LVDF0	Premium Dock (no pass through)
GJ-40LVDF4	Premium Dock (quad pass through)

Lite Dock: USB-A (3), USB-C (3), Serial, Ethernet (2)

Premium Dock: USB-A (3), USB-C (3), HDMI, Serial, Ethernet (2). HDMI + 1 USB-C can output video.

(Versions w/LIND power supplies are available as well as TrimLine docks — consult your Panasonic representative for details)



Havis Vehicle Docks

HA-40LVC	Cradle (no electronics)
HA-40LVDS0	Lite Dock (no pass through)
HA-40LVDS4	Lite Dock (quad pass through)
HA-40LVDA0	Premium Dock (no pass through)
HA-40LVDA4	Premium Dock (quad pass through)

Lite Dock: USB-A (3), USB-C (3), Serial, Ethernet (2)

Premium Dock: USB-A (3), USB-C (3), HDMI, Serial, Ethernet (2). HDMI + 1 USB-C can output video.

(Versions w/LIND power supplies are available -- consult your Panasonic representative for details)



PRINTERS

Brother RuggedJet 4250BL Printer Bundle

(Includes printer, battery, USB cable & wiring harness)

203dpi, up to 5ips, USB or Bluetooth, IP54, 6' Drop

BR-RJ425BL



Brother PocketJet 863 Printer Bundle

(Includes printer, 6' USB-A to USB-C cable, 14' 12V car adapter)

300dpi, up to 3ips, USB or Bluetooth

BR-PJ863D1Y14W



STRAPS & CASES

Panasonic Shoulder Strap

(Includes two D-rings)

FZ-VNS401U



ToughMate Carrying Case

TBCCOMUNV-P



ToughMate Backpack

TBCBPK-P



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TOUGHBOOK 40 Mk2
Please refer to the website for full product details.

OTHER

Panasonic Stylus Pen

FZ-VNP401U



Panasonic Tether

FZ-VNT005U



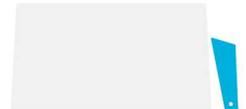
Panasonic Blue Cleaning Cloth

CF-VNC002U



Panasonic Screen Protector

FZ-VPF39U



Panasonic Screw Set

FZ-VSW551U

Bag of 14 interchangeable screws (mix of black and silver). Can be used as replacements for keyboard screws, RAM, certain xPAK's which require screws, or as an optional locking screw for the other xPAK's and the main SSD.



PROFESSIONAL SERVICES

If you're a mobile worker in a demanding profession, workdays can be hectic, to say the least. It's often just you and your mobile computer on the front lines, wherever the job takes you. You need to know that you'll always have the tools you need to do your job.

Thousands of organizations choose Panasonic for their employees who work in unforgiving environments. We've been making rock-solid mobile computing products for over 25 years and are constantly pushing rugged computing forward. TOUGHBOOK family of computers boast industry-leading low product-failure rates. So it's no wonder we've become the longest-running rugged computer supplier for the U.S. government, law enforcement, utility, and public safety agencies. But even with the toughest tools, work life can be a bit unpredictable. Make sure your workers can always depend on their TOUGHBOOK devices by augmenting them with Panasonic ProServices — Development, Deployment, and Sustainment services that support and augment your IT and field staffs to speed deployments and improve performance of your Panasonic technology investments.

Our Standard Warranty protects your TOUGHBOOK computers from manufacturing defects for three years and includes overnight shipping costs to and from our Service Center, as well as priority parts exchange program and repair service at no cost. It provides lifetime access to our U.S.-based technical support hotline (which has average hold times less than 1 minute); online access to drivers, first-aid disks, BIOS updates, tools, utilities, and manuals; free overnight delivery of customer replaceable parts and repaired units (85% of repairs are completed within just 48 hours); and access to Panasonic field service personnel.

For those customers whose environmental conditions require a higher level of accidental damage coverage, Panasonic offers our Ultimate Care warranty program. This "No-Fault" warranty coverage means just that — you break it and we fix it.

Panasonic recognizes that one size does not fit all and that each customer has a unique set of skills and needs. As such, Panasonic ProServices can offer each customer the right solution to best suit their particular situation. Here are some of the most popular items, but please contact your Panasonic representative or go to the ProServices website for more services and information.

DEPLOYMENT BUNDLES

48 Hr. Burn-in, Imaging, Asset Tagging, Shipping, Deployment Report, Disk Image Management (Image Management not included in Bronze).

- | | | | |
|---|-----------------|---|----------------|
| • Bronze (One Time) | CF-SVCPDBRZ | • Extended Configuration (15 minutes) | CF-SVCPDADD |
| • Premier Deployment 3 Year | CF-SVCPDEP3Y | • Customer Portal Access | CF-SVCCUPORT |
| • Premier Deployment 4 Year | CF-SVCPDEP4Y | • OEM Volume License Conversion | CF-SVCLICCONV |
| • Premier Deployment 5 Year | CF-SVCPDEP5Y | <i>(Converting the MS Windows OEM license allows the application of a client GOLD image at the National Service Center)</i> | |
| • Premier Deployment APOS 4th Year | CF-S09SLCY4AP | • Windows Autopilot Registration | CF-SVCPDAPUPLD |
| • Premier Deployment APOS 4 & 5th Year | CF-S09SLCY5AP | • Windows Autopilot Reg & Maintenance | CF-SVCPDAPUMNT |
| • 3 Month Device Storage | CF-SVCPDSSTOR | • Windows Autopilot Provisioning Services | CF-SVCFESAPDEV |
| • Kitting with Deployment (up to 4 items) | CF-SVCPDKITTING | | |

APOS: After Point of Sale

BRONZE Package: Includes installation of battery/tether/stylus/supplied asset tags, logo badges (purchased separately), and cases or holders which ship in the TOUGHBOOK OEM packaging. Customer image validation, loading of customer image, application of service updates and engineering changes, inclusion of customer documentation and custom box labels, and application of customer BIOS/CMOS settings and single location ground shipping with deployment reporting.

PREMIER Package: Includes all the above deliverables, as well as post image configuration services (5 minutes). Over packing for small shipments, expedited deployment, 48 hour burn-in, multiple ship to locations, multiple shipping dates, disk image management for the term of the services with multiple image retention and customer portal access. The Panasonic Customer Portal allows for online access to create RMAs and check entitlement status and repair history.

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TOUGHBOOK 40 Mk2
Please refer to the website for full product details.

BIOS CUSTOMIZATION

BIOS settings can be customized to show client logo on bootup or configured to restrict access, enable or disable audio or wireless capabilities as well as restricting media components such as card readers, secure digital flash, fingerprint readers, Bluetooth etc. There is a minimum of 50 units for the BIOS configuration service.

- BIOS Custom Splash Screen and/or Configuration CF-SVCBIOS1

ULTIMATE CARE PROGRAM

This coverage provides truly comprehensive coverage for out-of-warranty repairs. That's right, no cap and no out-of-warranty billing for accidental damage for the term of coverage. Even items like intentional damage, fire, flood, hurricane, tornado, loss and theft (reported) are covered up to 2% of the deployment.

- | | | | |
|-----------------------------|-----------------|----------------------------------|------------------|
| • 3 Year | CF-SVCLTUCNF3YR | • APOS 4th Year | CF-SVCLTUCAPOSY4 |
| • 4 Year | CF-SVCLTUCNF4Y | • APOS 5th Year | CF-SVCLTUCAPOSY5 |
| • 5 Year | CF-SVCLTUCNF5Y | • APOS 4 & 5th Year | CF-SVCLTUCAPOSY2 |
| • 3 Year (Federal Specific) | CF-SVCLTUCDOD3Y | APOS: After Point of Sale | |
| • 4 Year (Federal Specific) | CF-SVCLTUCDOD4Y | | |
| • 5 Year (Federal Specific) | CF-SVCLTUCDOD5Y | | |

PROTECTION PLUS

Accidental Damage Coverage. Any unit for which the Panasonic "Protection Plus" warranty has been purchased will receive additional coverage for any failure that occurs due to accidental damage.

- | | | | |
|-----------------------------|-----------------|----------------------------------|-------------------|
| • 3 Year | CF-SVCLTNF3YR | • APOS 4th Year | CF-SVCLTNFAPOSY1Y |
| • 4 Year | CF-SVCLTNF4Y | • APOS 5th Year | CF-SVCLTNFAPOSY5 |
| • 5 Year | CF-SVCLTNF5Y | • APOS 4 & 5th Year | CF-SVCLTNFAPOSY2Y |
| • 3 Year (Federal Specific) | CF-SVCLTNFDOD3Y | APOS: After Point of Sale | |
| • 4 Year (Federal Specific) | CF-SVCLTNFDOD4Y | | |
| • 5 Year (Federal Specific) | CF-SVCLTNFDOD5Y | | |

ADVANCED EXCHANGE XPAK PROGRAM

This coverage is included at no cost with the Ultimate Care and Protection Plus warranty programs, or can be purchased separately with the below SKUs. This allows advance replacement of xPAK's in the event there is a failure in the field. Overnight air replacement is paid for by Panasonic, as well as a prepaid return air shipping label for the convenience of our customers.

- | | | | |
|------------------|----------------|----------------------------------|------------------|
| • 3 Year | CF-SVCLTAEX3Y | • APOS 4th Year | CF-SVCLTAEAPOY4 |
| • 4 Year | CF-SVCLTAEX4Y | • APOS 5th Year | CF-SVCLTAEAPOY5 |
| • 5 Year | CF-SVCLTAEX5Y | • APOS 4th & 5th Year | CF-SVCLTAEAPOY2Y |
| • 4th Year | CF-SVCLTAEXY4 | APOS: After Point of Sale | |
| • 5th Year | CF-SVCLTAEXY5 | | |
| • 4th & 5th Year | CF-SVCLTAEXY2Y | | |

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TOUGHBOOK 40 Mk2
Please refer to the website for full product details.

EXTENDED WARRANTY

If this coverage is purchased, the serial numbered unit is entitled to the extended manufacturer warranty coverage with the exception of the battery for which a separate coverage program is available. The cost of labor, parts, and overnight shipping are included in the price of the Extended Warranty Program.

- 4th Year CF-SVCLTEXT1Y
- 4 & 5th Year CF-SVCLTEXT2Y
- APOS 4th Year CF-SVCLTEXTAPOS1Y
- APOS 5th Year CF-SVCLTEXTAPOSY5
- APOS 4 & 5th Year CF-SVCLTEXTAPOS2Y

APOS: After Point of Sale

SMART BATTERY WARRANTY PROGRAM

Extends the standard 1-year battery warranty up to 5 years and provides Smart Battery Monitoring. The main battery can be replaced when it falls below 50% capacity (per PC Information Viewer) during the coverage term. The Smart Analytics provide in depth insight and facilitates troubleshooting on a proactive basis.

- Main Battery 3 Year CF-SVCBATS3Y
- Main Battery 4 Year CF-SVCBATS4Y
- Main Battery 5 Year CF-SVCBATS5Y
- Dual Battery 3 Year CF-SVCBATX2SW3Y
- Dual Battery 4 Year CF-SVCBATX2SW4Y
- Dual Battery 5 Year CF-SVCBATX2SW5Y

HOT SWAP & HOT SPARE MANAGEMENT SERVICE

Within a **Hot Swap** program, when a device requires service, Panasonic sends the user a fully functional computer from a reserve of customer-owned computers stored at Panasonic's National Service Center. The replacement unit is shipped for next business day delivery whenever a user calls Panasonic Technical Support and determines that the computer needs to be serviced. The user removes the storage drive from the original computer and inserts it into the replacement unit, eliminating the need to transfer files or software. The user keeps the replacement computer and ships the original unit to Panasonic. When the original computer is received by Panasonic, it is repaired, re-imaged and put back into the customer's consigned inventory for future use.

Unlike Hot Swap, when **Hot Spare** is chosen, the original unit sent in for service is returned to the original end user following service and the original spare unit is returned to the customer owned reserve.

- Hot Swap 3 Year CF-SVCLTHS3YR
- Hot Swap 4 Year CF-SVCLTHS4YR
- Hot Swap 5 Year CF-SVCLTHS5YR
- Hot Spare 3 Year CF-SVCLTHSP3YR
- Hot Spare 4 Year CF-SVCLTHSP4YR
- Hot Spare 5 Year CF-SVCLTHSP5YR

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TOUGHBOOK 40 Mk2
Please refer to the website for full product details.

SSD NO RETURN & USER REPLACEMENT

When this coverage is purchased, a customer is not required to send a defective storage drive back to the service center when replaced due to SSD failure.

- | | |
|--|-----------------|
| • 512GB SSD — 3 Year | CF-SVC512SSD3Y |
| • 512GB SSD — 4 Year | CF-SVC512SSD4Y |
| • 512GB SSD — 5 Year | CF-SVC512SSD5Y |
| • 512GB SSD — 3 Year (Federal Specific) | CF-SVC512SSD3YT |
| • 512GB SSD — 4 Year (Federal Specific) | CF-SVC512SSD4YT |
| • 512GB SSD — 5 Year (Federal Specific) | CF-SVC512SSD5YT |
| • 1TB or 2TB SSD — 3 Year | CF-SVC1TBSSD3Y |
| • 1TB or 2TB SSD — 4 Year | CF-SVC1TBSSD4Y |
| • 1TB or 2TB SSD — 5 Year | CF-SVC1TBSSD5Y |
| • 1TB or 2TB SSD — 3 Year (Federal Specific) | CF-SVC1TBSSD3YT |
| • 1TB or 2TB SSD — 4 Year (Federal Specific) | CF-SVC1TBSSD4YT |
| • 1TB or 2TB SSD — 5 Year (Federal Specific) | CF-SVC1TBSSD5YT |

ENGINEERING SERVICES & PROJECT MANAGEMENT

Engineering services can include services development and all changes through the life of the Panasonic deployment along with ad hoc technical services. The service level is determined at time of purchase.

- | | |
|---|--------------------------|
| • Field Engineering Support based on needs analysis | CF-SVCFES20/40/60/80/100 |
| • Field Engineering Support (based on time) | FZ-SVCFESGEN10 |

BSKU EXTENSIONS

The following SKUs are available to extend the BSKU 3 year to year 4 or years 4 and 5. These SKUs must be purchased with the hardware on the same order. If delayed purchase is desired, please utilize the standard APOS SKUs for Premier Deployment, SSD No Return, and ProPlus Warranty.

- | | |
|--------------------------|------------|
| • 4th Year Add on | CF-SVCPSY4 |
| • 4th & 5th Years Add on | CF-SVCPSY5 |

TOUGHBOOK 40 FAQs

What is the TOUGHBOOK 40?

The TOUGHBOOK 40 is a fully rugged 14" laptop. It is engineered to meet the demands of the extraordinary even in rugged environments.

What modular areas on the TOUGHBOOK 40 are user-replaceable?

There are eight modular areas. The memory (RAM), storage (SSD), battery and even the keyboard are user-replaceable. The storage drive has a quick-release latch for easy and fast removal. In addition, there are four other expansion areas that can accommodate optical drives, authentication readers as well as additional I/O, batteries and a second storage drive and barcode reader. This unparalleled customization enables companies and agencies the ability to help futureproof, simplify ordering, shorten lead times and decrease downtime.

What is the difference between "expansion areas", "expansion pack" and "xPAK's"?

The expansion areas are the four modular areas on the TOUGHBOOK 40. The expansion packs (or xPAK's for short) are the accessories that fit into one of the three expansion areas.

Can I buy an expansion pack (xPAK) post-purchase or do I have to buy it at time of purchase of the laptop?

The xPAK's can be purchased as accessories (at purchase or post-purchase) and are user-replaceable.

How complicated is it to remove an xPAK? Do I need special training?

Panasonic designed the xPAK's to be easily inserted and removed. On the TOUGHBOOK 40, most areas just a screwdriver and a handful of screws, and some areas are even toolless just using a slide lever. But all areas were designed to also be very simple and straightforward and user-replaceable.

I don't want my users to be able to remove the xPAK's and SSD. Can I lock them down?

Yes, Panasonic designed the xPAK's as well as the main SSD so if an IT department wants to, they could be locked down by simply inserting a screw. Panasonic offers a SKU (FZ-VSW401U) with a bag of 14 interchangeable screws (mix of silver and black) that can be used to lock down the various expansion areas as well as replacements for the screws from the keyboard, memory and xPAK's.

What screws are included in FZ-VSW401U?

There are 14 interchangeable screws (mix of silver and black) that can be used to lock down the various expansion areas as well as replacements for the screws from the keyboard, memory and xPAK's.

Is the SSD removable?

Yes, it is end-user removable and has a quick-release lever for easy detaching. If an IT department wants to, they can purchase an optional locking screw that will secure the SSD and help it prevent from coming loose by accident. A set of 14 screws are including in sku # FZ-VSW401U.

Are the batteries removable?

Yes, they are end-user removable and have a quick-release lever for easy detaching.

What is a hot-swappable battery?

A hot-swappable battery lets users swap one of the two batteries (2nd battery is optional) in the unit without needing to shut down or suspend the laptop first. Both batteries are identical and can go in either the left or right battery slot.

How is MobileMark 25 different than MobileMark 2014?

The TOUGHBOOK 40 Mk2 real-world battery life should be longer than the Mk1; however, the Mk2 battery life is now reported using MobileMark 25 instead of MobileMark 2014. MobileMark 25 is a newer version that utilizes much more aggressive test which results in lower test scores of battery life. For instance, MobileMark 25 tests devices at a higher brightness level, and it also uses tests more scenarios including Office Productivity and Creativity. MobileMark 2014 only tested Office Productivity (eg, word processing, spreadsheet data manipulation, email creation / management). Both test web browsing while connected to Wi-Fi.

How can I scan a barcode using the Barcode Reader xPAK?

There is a barcode trigger button located on the xPAK. In addition, you can assign one of the P1-P4 buttons (or the A1-A4 keys) to be a barcode trigger. The default setting for the trigger button is the laser stays on for 8 seconds or until a barcode is scanned. This allows a user to hold a driver's license and be able to press the trigger button using the same hand for easy one-handed operation.

What CPU does the TOUGHBOOK 40 Mk2 use?

The TOUGHBOOK 40 features the latest processor from Intel called the Intel® Core™ Ultra (Series 1). This is the first line of processors from Intel that features AI acceleration by integrating a CPU, GPU, and NPU into a single package. The specific processors used in the Mk2 have up to 16 cores of a combination of performance, efficiency and low power cores.

What is a NPU?

Intel's Neural Processing Unit (NPU) is a specialized accelerator that helps with AI workloads in Intel Core Ultra processors. It's also known as Intel AI Boost. NPUs are different from CPUs and GPUs because they don't run the operating system or process graphics, but they can help with both when workloads are accelerated using neural networks. NPUs are designed to handle sustained, heavily used AI workloads at low power for greater efficiency.

What is Intel vPro™ technology?

Essential for businesses and agencies, it allows remote management for IT departments and adds security including Intel® Hardware Shield

What are the tetra-array microphones?

The TOUGHBOOK 40 is the only rugged laptop with four microphones – all of the microphones help to improve the accuracy of the speech recognition so it can offer class leading accuracy whether in a quiet room or noisy environment. The later of which having multiple mics and noise cancellation is critical to filter out background noise.

What is an infrared webcam? What is Microsoft Hello?

The combination of an infrared (IR) webcam on TOUGHBOOK 40 and Windows Hello allows customers to use 3D facial recognition or fingerprint scanning (on units equipped with a fingerprint reader) for user authentication.

What is the maximum number of users that can set up their faces using Microsoft Hello?

There is no theoretical maximum. Up to 99 has been tested. Each user will need to set their own account, but multiple users can set up their own account.

What color is the backlight on the keyboard?

The TOUGHBOOK 40 has a color-selectable backlit keyboard letting users select from four preset colors as well as define their own custom colors. And the programmable buttons (P4 by default) and keys (A4 by default) toggles between white, red and any two selectable colors to allow the keyboard color be easily changed on the fly. There are 4 keyboard brightness levels plus off. Also standard is an onscreen notification system that displays what the keyboard brightness is.

Can I set the backlight of the keyboard to turn off at a certain amount of time of inactivity to save battery?

Yes, this can be adjusted in the BIOS under the Main tab (Backlight Timeout). You can choose the timeout (delay) to be up to 1 minute of inactivity before the keyboard backlight is turned off. And you can choose different settings if you wish for when the TOUGHBOOK 40 is plugged in verses on battery. By default, this feature is turned off for both settings – if you activate it, and the backlight turns off, to turn it back on, simply touch any key.

How does the Gen2 resistive touchpad differ than the Gen1 resistive touchpads in the market?

Panasonic developed an all new touchpad that is still pressure sensitive (resistive) so it can work with gloves or in the rain, but is much easier (sensitive) to move. In essence, it provides the best of both worlds – a pressure sensitive touchpad that feels like it is capacitive. Panasonic also took the opportunity to make the largest touchpad it has ever made in a TOUGHBOOK device – 60% larger than on the TOUGHBOOK 31. And, in addition, Panasonic reengineered the touchpad buttons to be easier to click and provide more tactile response.

What is Night Mode? How is it different from Concealed Mode?

Night Mode is Panasonic's application that can apply a screen effect to reduce night blindness, eye strain and neural stimulation by applying one of 12 screen effects (colors, inversion, grayscale, blue light reduction), keyboard color and brightness. It is triggered either manually, or automatically based on the time of day or the amount of light. Concealed Mode is also a Panasonic application that can dim or turn off the display when a combination of keys is pressed, along with some other settings include turning off the keyboard LED's and turning off the volume.

Do any integrated options require a bump out?

No, the TOUGHBOOK 40 has a flat bottom on all configurations. No configuration requires a bump out.

Can I read/write to the DVD drive & Blu-ray drive?

Yes, both can read/write. Special read only versions can be requested at time of purchase of a TOUGHBOOK 40 and will require a different SKU.

Does it come with a stylus pen and tether?

Yes, as well as a stylus holder and microfiber cleaning cloth.

What are the different cellular (WWAN) modems available?

The TOUGHBOOK 40 offers the choice between two different modems. The 4G modem (EM7690) supports LTE, LTE-A and speeds up to 2 Gbps. The 5G modem (EM9190) supports 4G (LTE, LTE-A) as well as 5G (Sub6, C-band) and speeds up to 4.1 Gbps. Both modems seamlessly connect to the best available network without any disruption or intervention by the user. And both modems support FirstNet® (band 14), CBRS Private LTE (band 48) and have dual SIM (physical SIM + eSIM) for maximum flexibility.

How many SIM slots does it have?

2 slots for maximum flexibility. One physical NanoSIM (4FF) and one eSIM.

What is the square padding on the inside of the door by the SIM port

The padding is designed to help to ensure the SIM card does not come out due to vibrations or drops (to be effective the door must be closed). This style makes it much easier to manage deployments since no tools are needed to remove/install a SIM cover. And you never have to worry about a losing a SIM cover. However, a SIM cover is an option on the TOUGHBOOK 40 for those who still prefer it – contact the Panasonic Service Group for details.

What functionality does the Thunderbolt™ 4 USB-C port on TOUGHBOOK 40 support?

The port can be used for fast 40 Gbps data transfer, connecting to monitors and peripherals, charging cell phones, and even charging the PC itself with Power Delivery.

Can I use my old docks?

No, but the TOUGHBOOK 40 features the latest advances in technology that will enable you to stay with your current docks for the foreseeable future. It includes USB-C, more USB ports & video out than the TOUGHBOOK 31, 20x faster USB, 10x faster ethernet, SMA connectors, quad pass through, software selectable pass through, the ability to pass through cellular+GPS+Wi+Fi, 4x4 MIMO or 5G Sub6.

Can I reuse my old AC adapters from the TOUGHBOOK 55 and TOUGHBOOK 31?

Yes!

What is Remote Local Wipe?

Can easily and securely wipe the entire contents of the PC including the OS and partition. Instead of overwriting data which takes more time and SSD's have limited read/writes, Secure Wipe applies a voltage spike to erase contents. Instead of taking minutes or hours, it takes just seconds. It can be accessed in the BIOS under the Security tab.

What is the difference between IP66 and IP65?

The difference is in the water rating. IP65 is water projected from by a nozzle. IP66 is water projected by a powerful jet. So, the pressure is more powerful (3x more) but also there is much more volume of water per minute coming out (8x more).



TOUGHBOOK 40

- Innovative modular design and user-removable xPAK's offer unparalleled customization
- First TOUGHBOOK PC featuring an Intel processor with dedicated NPU to optimize AI performance
- State-of-the-art design optimizes thermals for effortless performance
- Class-leading 95db speakers, 5MP infrared webcam with privacy cover and tetra-array microphones
- Fully rugged all-weather MIL-STD-810H & IP66 design built with magnesium alloy
- Fastest cellular in the industry — up to 2Gbps 4G modem or 4.1Gbps 5G modem adds Sub6, and C-band

TAKING RUGGED COMPUTING TO THE NEXT LEVEL

The Panasonic TOUGHBOOK® 40 offers unrivaled flexibility in even the most demanding and unpredictable environments with its class-leading eight modular areas including its innovative modular expansion packs (xPAK's). Optical drives, authentication readers, IO ports and even the Barcode Reader xPAK are all user-upgradeable. Its state-of-the-art design optimizes thermals for maximum performance and its latest technology will ensure the TOUGHBOOK 40 will withstand the test of time. It is the first TOUGHBOOK PC featuring an Intel processor with dedicated NPU to optimize AI performance. It also has up to 64GB of RAM, up to 4TB of storage, all-day battery life, four microphones, color-selectable backlit keyboard, 95db speakers, and choice of two cellular modems. The 4G modem provides up to 2Gbps and the 5G modem adds support of 5G Sub6, and C-band with speeds up to 4.1Gbps. It also has the ability to seamlessly connect to the best available network without any disruption or loss of connectivity.

MIL-STD-810H

MIL-STD-461G

IP66

C1D2
HAZ LOC

6-FOOT
DROP RATING

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TOUGHBOOK 40 Mk2

TOUGHBOOK 40

SOFTWARE

- Windows® 11 Pro, Red Hat Enterprise Linux 9.4 & 10¹²
- Panasonic Utilities and Recovery Partition
- Waves MaxxAudio®
- COM Splitter Software
- Enterprise ready driver packages including CAB files and one-click driver bundles

CERTIFICATIONS & DURABILITY

- MIL-STD-810H: 6' drop, shock, bench handling, vibration, rain, dust, sand, altitude, freeze/thaw, high/low temperature, temperature shock, solar radiation, contamination by fluids, humidity, salt fog, explosive atmosphere¹
- MIL-STD-461G
- IP66¹
- Optional C1D2 (class 1 div 2) groups ABCD
- TAA-compliant¹³
- Magnesium alloy chassis with handle
- User-removable xPAK's, RAM, keyboard, battery and caged SSD (w/heater)²
- Raised bezel for LCD impact protection
- Reinforced locking port covers
- Replaceable screen protector

CPU

- Intel® Core™ Ultra 5 vPro® processor 135H (14-core) – Up to 4.6Ghz, 18MB cache, 1.4Ghz AI Boost NPU
- Intel® Core™ Ultra 7 vPro® processor 165H (16-core) – Up to 5.0Ghz, 24MB cache, 1.4Ghz AI Boost NPU

STORAGE & MEMORY

- User-upgradeable RAM (up to 2 DIMM's) 16-64GB total (DDR5-5600MHz)^{3,4}
- Main SSD: 512GB, 1TB or 2TB quick-release OPAL NVMe with heater; opt. FIPS 140-2 encrypted⁵
- Optional 2nd SSD: 512GB, 1TB or 2TB quick-release OPAL NVMe with heater⁵

DISPLAY & GRAPHICS

- Display
 - 14.0" FHD 1920 x 1080 capacitive gloved touch
 - 1-1200 nit
- IPS with direct bonding
- Anti-reflective (AR) screen treatment
- Graphics
 - Intel® Graphics (units with 1 DIMM)
 - Intel® Arc™ Graphics (units with 2 DIMM)⁵
- Supports up to 4 displays
- Concealed Mode; Night Mode

AUDIO

- Integrated tetra-array mic w/AI noise reduction¹²
- Waves MaxxAudio®
- Integrated 95db speakers (top-facing)
- Keyboard volume and mute controls

WEBCAM

- 5MP w/privacy cover & tetra-array mic¹²
- Infrared with Windows Hello support

KEYBOARD & INPUT

- Stylus pen, stylus holder and tether
- 6 modes (auto, rain, glove, touch, pen, pen/touch)
- Backlit power button & keyboard icons (Caps lock, Num Lock, Scroll Lock, Storage Drive, SD Card)
- User-removable 82-key keyboard²
 - 8 programmable buttons/keys (P1-P4, A1-A4)
 - Color-selectable backlit with 4 adjustable levels (emissive or rubber)
- Gen2 resistive touchpad with multi touch

OPTICAL DRIVE

- Optional Blu-ray Drive (xPAK)⁵
- Optional DVD Drive (xPAK)⁵

INTERFACE

- USB-C Thunderbolt™ 4, 40Gbps 3A (PD, DP)
- Optional USB-C 5Gbps 0.9A⁶
- USB-A x2 (10Gbps 0.9A, 5Gbps 0.9A)
- Optional USB-A x2 5Gbps 0.9A⁶
- MicroSDXC UHS-I
- HDMI 4K (optional 2nd HDMI 4K)⁶
- Optional VGA⁶
- Ethernet 1Gbps RJ-45
- Optional 2nd Ethernet 1Gbps RJ-45⁶
- Optional Fischer LAN with metal cap⁶
- Optional Serial (True) D-sub 9-pin⁶
- Audio In/Out 3.5mm
- Dual SIM (Nano-SIM 4FF x1, eSIM x1)

WIRELESS

- Optional 4G EM7690 (up to 2Gbps)
 - 4G (LTE, LTE-A)
 - Multi carrier (AT&T, FirstNet, T-Mobile, Verizon)
 - Satellite GPS & CBRS Band 48 Capable²
- Optional 5G EM9190 (up to 4.1Gbps)
 - 4G (LTE, LTE-A), 5G (Sub6, C-band)
 - Multi carrier (AT&T, FirstNet, T-Mobile, Verizon)¹⁴
 - Satellite GPS & CBRS Band 48 Capable²
- Optional dedicated GPS (u-blox NEO-M9N)
- Opt. quad antenna pass-through (BIOS selectable)
- Intel® Wi-Fi 7 BE200 (up to 5.8Gbps)
- Bluetooth® v5.3 (Class 1)
- Airplane mode Fn key
- COM Splitter Software

POWER

- Li-Ion battery:
 - 12 hours (24 hours w/opt. 2nd battery)^{8,9}
 - 10.8V, 6500mAh typical (6300mAh min)
- Hot swap with optional 2nd battery⁹
- Battery charging time: 3 hours (each battery)⁸
- TOUGHBOOK Smart Battery Technology
- AC Adapter: AC 100V-240V worldwide power, auto sensing/switching

SECURITY FEATURES

- Intel® Hardware Shield
- Secured-core PC
- TPM v.2.0
- NIST BIOS compliant
- Persistence™ technology by Absolute in BIOS¹⁰
- Local Platform Erase
- Kensington cable lock slot
- Encrypted SSD's (OPAL & opt. FIPS 140-2)
- Optional locking screws for SSD and xPAK's
- Optional fingerprint reader xPAK (385 DPI)¹¹
- Optional insertable Smart Card reader xPAK^{5,9}
- Optional contactless Smart Card reader xPAK¹¹
 - 13.56MHz (ISO 14443 A/B, 15693, 18092)

DIMENSIONS & WEIGHT

- 11.9"(L) x 13.9"(W) x 2.1"(H)
- 7.4 lbs.

WARRANTY

- 3-year limited warranty, parts and labor

INTEGRATED OPTIONS

- 5G EM9190 or 4G EM7690 modem
- Dedicated GPS (u-blox NEO-M9N)
- Quad antenna pass-through
- Main SSD: OPAL / FIPS 140-2 Encrypted
 - 512GBFZ-VSD400T2M / FZ-VSF400T1M
 - 1TBFZ-VSD401T2M / FZ-VSF401T1M
 - 2TBFZ-VSD402T2M / FZ-VSF402T1M
- Memory Cards
 - 16GB DDR5FZ-BAZ2316
 - 32GB DDR5FZ-BAZ2332
- Keyboard
 - Backlit EmissiveFZ-VKB55107U
 - Backlit RubberFZ-VKB40207W
- Right Expansion Area
 - Insertable Smart Card xPAKFZ-VSC401U
 - 2nd BatteryFZ-VZSU1XU
- Left Expansion Area xPAK's
 - Barcode Reader (N6703HD)FZ-VBR402M
 - Blu-ray DriveFZ-VBD401AM
 - DVD DriveFZ-VDM401AM
 - Insertable Smart CardFZ-VSC402U
 - 2nd SSD: OPAL / FIPS 140-2 Encrypted
 - 512GBFZ-V2S400T2M / FZ-V2F400T1M
 - 1TBFZ-V2S401T2M / FZ-V2F401T1M
 - 2TBFZ-V2S402T2M / FZ-V2F402T1M
- Rear Expansion Area xPAK's
 - VGA + Serial (true) + LANFZ-VCN401U
 - USB-A + HDMI + Serial (true)FZ-VCN402U
 - USB-A (x2) + HDMIFZ-VCN403U
 - Fischer LAN with Rubber CapFZ-VCN404RW
 - USB-C + USB-A + HDMIFZ-VCN406U
- Palm Rest Expansion Area xPAK's
 - Contactless Smart CardFZ-VNF402M
 - Fingerprint (Active Dir)FZ-VFP402W

Please consult your reseller or Panasonic representative to learn more about the TOUGHBOOK 40 and the wide variety of accessories and services offered.

- 1 Base model tested by national independent third party lab following MIL-STD-810H Method 516.8 Procedure IV for transit drop test and IEC 60529 Sections 13.4, 13.6.2, 14.2.5 and 14.3 for IP.
- 2 Keyboard is user-replaceable, but once removed, the old keyboard must be discarded.
- 3 1GB = 1,000,000,000 bytes. Total usable memory will be less depending upon actual system configuration.
- 4 Units equipped with two DIMM (memory cards) come with Intel Arc Graphics instead of Intel Graphics.
- 5 Barcode Reader, Insertable Smart Card Reader, DVD Drive, Blu-ray Drive and 2nd SSD Drive in Left Expansion Area are mutually exclusive.
- 6 VGA+Serial+LAN or USB-A+HDMI+Serial or USB-A(x2)+HDMI or Fischer LAN or USB-C+USB-A+HDMI in Rear Expansion Area are mutually exclusive.
- 7 The module firmware and the device antenna system have obtained technical approval by commercial carriers in the US. It is customer's responsibility to assure that the module firmware and the device antenna system are compatible with the customer's Private LTE network using Band 48.
- 8 Battery performance features such as charge time and life span can vary according to the conditions under which the computer and battery are used. Battery operation and recharge times will vary based on many factors, including screen brightness, applications, features, power management, battery conditioning and other customer preferences. Battery test results from MobileMark 25 at 250 nit, connected to Wi-Fi and using the Office Productivity and Creativity scenarios. MobileMark 2014 battery life results is 21.5 hours (43 with optional long life batteries) tested at 150 nit, connected to Wi-Fi and using just the Office Productivity scenario.
- 9 2nd Battery or Insertable Smart Card in Right Expansion Area are mutually exclusive.
- 10 Requires software and activation to enable theft protection.
- 11 Fingerprint Reader or Contactless Smart Card Reader in Palm Rest Expansion Area are mutually exclusive.
- 12 Part/SKU numbers with Red Hat Enterprise Linux have the camera and mic physically removed.
- 13 TAA-compliant products are available upon request.
- 14 T-Mobile requires firmware update.

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TOUGHBOOK 40 Mk2

Panasonic is constantly enhancing product specifications and accessories. Specifications subject to change without notice.

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RESOLUTION NO. 1688-26

A RESOLUTION AUTHORIZING THE FY26 REPLACEMENT OF MOBILE DATA COMPUTERS – POLICE DEPARTMENT FOR \$54,824.13

WHEREAS, the current Mobile Data Computers (MDCs) within the Police Department's six (6) squad cars are at the end-of-life and the Village of Itasca ("Village") is adding a seventh squad car to its fleet; and

WHEREAS, the Village wishes to have technology in public safety vehicles that is current and complies with appropriate security requirements; and

WHEREAS, the Village by virtue of its power set forth in the Illinois Municipal Code (65 ILCS 5/1-1-1) is authorized to purchase this equipment; and

WHEREAS, the Village has appropriated \$55,000 in the FY25-26 Budget for the purchase of new computers to be installed within the police fleet; and

WHEREAS, the Village will purchase the replacement computers and accessories from CDS Technologies through the Statewide Laptop Master Contract, OMNIA Partners Public Sector Contract #171725-01, and Sourcewell Contract #010720-PAN at a cost of \$44,526.00, which includes 5-year warranties, as detailed in the IT-17-003 IT Task Order, attached as Exhibit A; and

WHEREAS, Enhanced Networks, the Village's contracted IT service, estimates labor costs of \$11,928.13 for setting up and migrating the replacement computers and \$350 for imaging parts from Amazon Gov, bringing the total project cost to \$54,824.13, as detailed in Exhibit A.

NOW, THEREFORE, BE IT RESOLVED by the President and the Board of Trustees of the Village of Itasca, DuPage County, Illinois, as follows:

SECTION ONE: The corporate authorities of the Village of Itasca hereby approve the purchase and installation of seven (7) replacement mobile data computers for the Police Department at a total cost of \$54,824.13, as described in Exhibit A.

SECTION TWO: The Village President, or their designee, is hereby authorized to sign and execute any documents necessary to purchase and install the replacement mobile data computers for the Police Department as described in Exhibit A on behalf of the Village of Itasca.

SECTION THREE: SEVERABILITY. If any section, paragraph or provision of this Resolution shall be held to be invalid or unenforceable for any reason, the invalidity or unenforceability of such section, paragraph or provision shall not affect any of the remaining provisions of this Resolution.

SECTION FOUR: REPEAL OF PRIOR RESOLUTIONS. All prior Resolutions and Ordinances in conflict or inconsistent herewith are hereby expressly repealed only to the extent of such conflict or inconsistency.

SECTION FIVE: EFFECTIVE DATE. This Resolution shall be in effect immediately from and after its passage and approval.

	Trustee Aiani	Trustee Christensen	Trustee Daly	Trustee Gavanes	Trustee Leahy	Trustee Powers	Mayor Pruyn
Aye	<input type="checkbox"/>						
Nay	<input type="checkbox"/>						
Absent	<input type="checkbox"/>						
Abstain	<input type="checkbox"/>						

APPROVED and ADOPTED by the Village President and Board of Trustees of the Village of Itasca this 20th day of January 2026.

APPROVED:

Village President Jeffery J. Pruyn

ATTEST:

Village Clerk Jody Conidi